UPDATED REPEATER INDEXES INSIDE!

Celebrating S·E·R·A 20th Anniversary

SERA-SouthEastern Repeater Association, Inc. Representing Cordination and VHF/UHF Amateur Interests Across The Member States of North Carolina, South Carolina, Mississippi, Virginia, Tennessee, West Virginia, Kentucky and Georgia..

REPEATER JOURNAL

SouthEastern Repeater Association, Inc.

Nov., Dec., 1991, Jan. 1992 2.50

12-Year-Old KC4PFC Inherits Huge Ham Station

(See Cover Story Inside)

Also This Issue...

- Payback for Ham Privileges
- 1992 Hamfest Calendar
- New Updated Repeater Index
- FCC News & Briefs
- SERA Officer Nominations Due
- West VA Director Resigns

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REPEATER JOURNAL

Published 4 times a Year by SERA, Inc.

Nov., Dec., 1991, Jan. 1992

STATE DIRECTORS, VICE DIRECTORS AND ASSISTANTS FOR SERA - SOUTHEASTERN REPEATER ASSOCIATION

KENTUCKY

DIRECTOR
Terry Estes, WB4ASZ
16 Valley Drive
Winchester, KY 40391
(606) 744-2590

MISSISSIPPI

DIRECTOR (South)
Steve Grantham, N5DWU
P.O. Box 127
Ellisville, Ms. 39437
(601) 763-3559

VICE-DIRECTOR (North)
Jim Akers, W5VZF
21 Whispering Pines
Sharkville, Ms. 39759
(601) 323-8389

NORTH CAROLINA

DIRECTOR
Danny Hampton, KM4OX
P.O. Box 19122
Raleigh, N.C. 27609-9122
(919) 662-9797

VICE-DIRECTOR
Richard Woodbury, N4LMR
7731 Falcon Crest Circle
Raleigh, N.C. 27615
(919) 846-9475

SOUTH CAROLINA

DIRECTOR
Bill Jones, N4MNH
1609 Bur-Clare Road
Charleston, S.C. 29412-8148
(803) 795-0843

VICE-DIRECTOR
Gary Foster, WD8OXE
670 Foster Road
Inman, S.C. 29349
(803) 592-3609

TENNESSEE

DIRECTOR
Johnny Wofford, WA4ETE
2966 Cordell
Memphis, Tn. 38118
(901) 363--4971

VICE-DIRECTOR
Tim Berry, WB4GBI
214 Echodale Lane
Knoxville, Tn. 37920-5042
(615) 579-3494

FREQ. COORD - W.TN
Roy Archibald, WX2B
4319 Northwood Hills
Memphis, Tn. 38128.
(901) 377-1362

ASST. DIRECTOR
Brad Adams, N4PYI
905 Colfax Drive
Nashville, Tn. 37214-3703
(615) 883-1370

VIRGINIA

DIRECTOR-Estn. VA
Wally Burkette, WA4KXV
242 Raintree Road
Virginia Beach, Va. 23452
(804) 486-1555

VICE-DIRECTOR-Wstn. VA.
Don Williams, WA4K
412 Ridgeway Drive
Bluefield, Va. 24605
(703) 326-2411 - 326-3338

WEST VIRGINIA

DIRECTOR
Karl Morris, WB8GDY
1009 Sand Hill Drive
St. Albans, WV 25177
(304) 727-8453

VICE DIRECTOR
R.T. (Dick) Fowler, N8FMD
Route #3, Box 52
Clarksburg, WV 28301
(304) 623-9479

ASSISTANT DIRECTOR
Ralph Langley, II, KA8SVR
306 Caroline Drive
Hurricane, WV 25526
(304)562-2606

GEORGIA

DIRECTOR
Dave Shiplett, WL7ACY
P.O. Box 1076
Warner Robbins, GA 31099
(912) 987-3000

VICE-DIRECTOR
Jack Berry, W4PME
750 Star Light Dr., NE
Atlanta, GA 30342
(404) 255-9684

ASSISTANT DIRECTOR
Jim Abercrombie, Jr., N4JA
P.O. Box 5943
Augusta, Ga. 30906
(404) 790-7802

ASSISTANT DIRECTOR
Larry Smith, N4FD
P.O. Box 70397
Albany, Ga. 31707
(912) 888-9203

ASSISTANT DIRECTOR
Stu Simms, N4MXC
112 Carol Drive
Cochran, Ga. 31014
(912) 934-9236

Repeater Owners and Users are urged to contact Local State SERA Officers for Assistance, Information, Coordination or Other Needs When Required. Please call Within Reasonable Hours And Allow Reasonable Time For Action! Remember SERA Officers Work for you VOLUNTARILY With NO Pay!!

Editorial Comment

The Past Hamfest Season . . .

From An Editor's Viewpoint!

The hamfest season is winding down now, about the only thing left is Greensboro, NC., the last day of this month. Another year, lots of fun, food, equipment, junk, and good friends making their annual treck to their favorite shows and suddenly its all over. Of course, there's nothing to fear, it starts all over again in January as the RATS Club in Richmond, Va., the GARS Club in Greenville, SC, and the TVARN Group in Gallatin, Tn. begin a new year of hamfests. And the string continues on through the rest of the year as before.

What's the year been like? Well, kind of a mixed bag. Most hamfests have seen a growth in attendance. Some remained about the same. Some shows moved into new locations, one went to two days, one dropped to one day.

VE teams have churned out a record number of new exam sessions, and with them, hundreds of newcomers to our ranks - wives, kids, old friends. Ham friends now have the pleasure of having old friends join them in Ham radio for the first time, co-workers, neighbors, relatives, just friends in private life.

It's quite fun to see the glint in some of our friends eyes, as they come up and proudly proclaim that their wife now has her callsign, and both teenage kids are studying like mad. On the other hand, we're seeing an unbelievable number of 12, 13-year-olds getting their Technician license, and they aren't stopping there folks...they're passing General, Advanced and working on their Extras.

Parents are facing the challenge - "Are we gonna let our kids outrank us, or have we got to start studying and upgrade with them." To me this is what Ham radio is all about. What better way to pull kids and parents together in a common bond. (And some said NO-CODE was going to be bad!)

Hamfest Attendance Attitudes Change

I've traveled the hamfest circuit for some 18 years now, averaging more than 20 shows a year. Over the past 2-3 years, I've noted quite a change in attendance and attitudes of the traveling ham. Hams today are going to more hamfests per year, and spending less time each trip.

Perhaps the sheer number of hamfests available within

(Continued on Page 47)

REPEATER JOURNAL

Nov., Dec., 1991, Jan. 1992
Volume 20, No. 4
ORGANIZED IN 1971
"Celebrating Our 20th Year"

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Give The Journal! Give your new ham friend a gift subscription of the Repeater Journal. He'll stay informed as you will and he will thank you for it. SERA Associate Membership - only $6.00 a year..

About SERA Associate Membership (Repeater Users)

Amateurs, especially repeater users invited to join SERA as Associate Members. Only $6.00 per year will enable Amateurs to support the organization and receive the *"Repeater Journal."* Associate Membership deadlines are the 15th of the month preceding months of publication -- Jan. 15, April 15, July 15 and October 15. Persons joining or renewing their membership must have their application into the Tobaccoville Post Office Box by these deadlines to receive the next upcoming *Repeater Journal*, published the first week of February, May, August and November. Memberships received after any deadline will not receive next to-be-published *Repeater Journal*, but instead will receive the forthcoming issue the following quarter. HOT-P Associate Memberships (*Repeater Journals* mailed 1st Class rate) are limited to one year memberships at $10.50 per year. Regular membership *Repeater Journals* are mailed 3rd Class Bulk Mail. SERA does not issue receipts for Membership applications. Members should wait until next Journal comes out to report any problems. Write SERA Associate Membership, P.O. Box 215, Tobaccoville, N.C. 27050-0215. Associate Members may hold appointive offices and positions within the SouthEastern Repeater Association, Inc.

About SERA Full Repeater Membership

Officers and Directors are elected from Repeater respresentatives who are SERA Full Members. Any repeater owner or club may join SERA as a Full Member if they have an operable repeater on the air. Full Membership application, coordination information (if not on file) and $15.00 should be submitted for the annual Full Membership fee. Two Full Members receive the *Repeater Journal* from each application. The Full Member repeater is also appropriately recognized as a SERA supporter in the repeater index. Full Memberships all expire on December 31 of each calendar year. Write SERA Membership, P.O. Box 215, Tobaccoville, N.C. 27050-0215.

About the SERA Repeater Journal

The SERA Repeater Journal is published quarterly, the first week of the months of February, May, August and November of each year and mailed free to members of SouthEastern Repeater Association, an eight state repeater coordinating organization made up of repeater owners and users. Permission is granted for use of material contained in the Repeater Journal, provided proper credit is given. The Repeater Journal Editor will swap newsletters with other Repeater Councils, News organizations and clubs upon written request. DEADLINES: Ad space reservations are the 20th of the month, and ad copy due the 1st of the next month, ONE month prior to publication. News deadlines are the first of the month prior to publication month. The Repeater Journal is entered as Third Class Mail at the Post Office in Greensboro, N.C. Cover price for the Repeater Journal is $2.50 and also available from numerous retail Amateur Dealers in the surrounding 8-state area. All news and Newsletter exchanges should be mailed to the Editor: Wayne C. Williams K4MOB, 600 Lakedale Road, Colfax, N.C. 27235.

SERA OFFICERS AND COMMITTEE

PRESIDENT
A.Carter Cogle, K4ARO
1667 Varina Avenue
Petersburg, Va. 23805
(804) 733-8411

VICE-PRESIDENT
Nita Wofford, N4DON
2966 Cordell
Memphis, Tn. 38118
(901) 363-4971

TREASURER
Raymond K. Adams, N4BAQ
5833 Clinton Hwy., Suite 203
Knoxville, Tn. 37912
(615) 687-5410 Home
(615) 688-7771 Office

SECRETARY
Barbarra Gregory, WA4RMC
8619 Smokerise Lane
Chattanooga, Tn. 37421
(615) 892-8889

FULL & ASSOCIATE MEMBERSHIP COMPUTER RECORDS MANAGER
David Ward, KA4LVO
P.O. Box 215
Tobaccoville, N.C. 27050
(919) 983-0879
(Leave Message on Recorder)

ASSOC. MEMBRSHP. ASSISTANT
Lindsay Cleveland, W4IZI
P.O. Box 1140
Duluth, Ga. 30136
(404) 623-0358

SERA TECHNICAL ADVISOR
Danny Hampton, KM4OX
5453 Rock Svc. Station Rd.
Raleigh, N.C. 27603
(919) 832-8733

SERA-FCC LIASON CHAIRMAN
Rose Bond, FCC
Koger-Gwinnett, Suite 320
3575 Koger Blvd.
Duluth, Ga. 30136

EDITOR AND PUBLISHER
Wayne C. Williams, Sr., K4MOB
600 Lakedale Road
Colfax, N.C. 27235
(919) 993-5881

JOURNAL ADVERTISING DIR.
Sharon Ward
P.O. Box 215
Tobaccoville, N.C. 27050

SC JOURNAL Correspondant
Gary-WD8OXE, Donna, KB4TUY Foster

WV JOURNAL Correspondant
Ted Wolfe, WD4KHL

VA. JOURNAL Correspondant
Lee McDaniel, WB4QOJ

NC JOURNAL Correspondant
Gene Fegely, K3EJG

SERA, Southeastern Repeater Association, Inc. is one of the largest, most well known non-profit Repeater Coordinating Councils in the United States. SERA territory covers over 1,400 repeaters in member States of North Carolina, South Carolina, Virginia, Tennessee, West Virginia, Kentucky, Georgia and Mississippi. SERA celebrates its 20th Anniversary in 1991 with a continusing goal, to serve the repeater owners and users of the Southeast, by providing a voice of Communications and education through the Repeater Journal and our Officers and Directors.

Six of Eight SERA States Set New Record Highs!

Full Membership - Sets All-Time High

-by Wayne C. Williams, K4MOB
Repeater Journal Editor

SERA Full Membership Repeaters From 1983 To Date. Corr. as of 10-21-91

SERA STATE	TOTAL 1983	TOTAL 1984	TOTAL 1985	TOTAL 1986	TOTAL 1987	TOTAL 1988	TOTAL 1989	TOTAL 1990	TOTAL 1991	1991 Mbr.%	Total State Rptrs.
N.C.	100	83	149	147	123	145	181	157	189	79.41	238
S.C.	24	35	56	43	44	46	59	50	53	54.64	97
VA. (1)	58	60	92	88	98	99	151	122	127	69.40	183
W.VA.	28	21	41	40	51	39	51	54	67	66.34	101
TN.	47	58	85	63	80	80	111	128	155	53.26	291
GA. (2)	9	18	109	125	110	100	104	124	142	51.82	274
KY. (3)	1	4	18	21	19	15	48	53	66	51.56	128
MS. (4)	--	--	--	--	--	3	12	36	38	39.58	96
TOTALS	267	279	550	527	525	527	717	724	837	59.45	1408

(1) Total Virginia list does not include 62 repeaters which are included in T-MARC Territory, North of Highway 33 and Latitude 38-degrees North. Also 4 repeaters in West Virginia Panhandle area, which are also T-MARC.
(2) Georgia assumed SERA District Status in mid-1985.
(3) EKY assumed SERA District in 1985, Western Ky in late 1989. District renamed Kentucky District at that time.
(4) Mississippi assumed SERA District status in late 1989.

We did it fellow hams!

The repeater owners in our eight states have shown us just what they can do in supporting SERA by setting a new all-time record of Full Membership for the 1991 calendar membership year.

What can we say, other than to thank everyone for their support. We must be doing something right. If we could get our Associate Membership (repeater users) numbers anywhere near representing the Amateur population as repeater owners do in their membership support, the total size of SERA would be unbelievable. Our repeater support of Full Membership is in excess of 59%, or a total of 837 of 1,408 who have joined during calendar year 1991.

Six of the eight SERA States repeaters who joined as Full Members set new all-time records of membership. Only South Carolina which was only 6 repeaters shy of their best year of 1989, and Virginia who was ahead of 1990, but down some 24 members from an unbelievable year of 1989, failed to set new records for 1991.

North Carolina repeater owners who seem to never allow any other state to win, came out again this year with not only more Full Member repeaters, but also the highest percentage of members. They had 189 members of 238 state repeaters for 79.4%. The Tarheel State continues to win every hand.

It should be noted that Tennessee turned in their best year ever, passing the 50% mark for the first time. The Volunteer state had 155 member repeaters, second best of all states, and up 27 machines from their previous record in 1991 for 53.3% membership of their 291 repeaters in 1991.

Mississippi just completing their 2nd year as SERA District status had just a very slight increase in 1991 over 1990 of 2 repeaters for a total of 38 of 96 or 39.6%. Next year should be the big membership growth year for Mississippi.

The second best showing for the year in percentages was Virginia with 69.4% or 127 of 183 repeaters joining. It should be noted that the SERA membership does not count repeaters in Virginia who are in T-MARC Coordination territory. (See notes in the chart above.)

Coming in with a strong third in percentages was West Virginia. They had a great growth of 13 more members this year for a total of 67 Full Members of 101 total repeaters, a percentage of 66.3%.

The remainder of the states with the exception of one followed in the 50% or better mark. South Carolina had 54.6%, Tennessee with 53.3%, Georgia with 51.8% and Kentucky with 51.6%.

Tennessee continues to be the largest repeater state in SERA with 291 machines in VHF and UHF, followed by Georgia with 274, Virginia with 183 or if T-MARC repeaters are added the state has 245. North Carolina is third largest with 238 machines.

Fifth is Kentucky with 128 machines, and sixth, West Virginia, who passed the 100 mark this year with 101 repeaters. Seventh and eighths in size are South Carolina with 97 and Mississippi with 96.

The Repeater Journal will count repeaters in all eight states for the February issue. This base number updates January 1st each year and is used in all statistics until the end of the year.

Repeater owners and sponsors are reminded that Datasheets for every known repeater in the eight states went in the mail this week. It is hoped that everyone will make an effort to update and return them to get our database more accurate.

Owners and users should scan the Repeater Journal index carefully this issue, and see if there are any incorrect listings for their area. The owners should be notified to contact their director, and have their listings corrected.

SERA will pass the database, as corrected on December 31 to the ARRL for use in the 1991-1992 ARRL National Repeater Directory. All datasheets returned by that time will be corrected for the Directory.

Repeaters are urged to join SERA. There is a simple checkoff block on the database sheet to join.

Let's shoot for 1,000 Full Member repeaters in 1992. We can make it with your support and help. Unfortunately non-members do not see the Journal, but they will get the datasheet. Repeater users should urge their repeater sponsors to join and support SERA, and proudly display their repeater in the Repeater Journal index as such.

It should be emphasized that repeater owners DO NOT have to join SERA for coordination and database updating and listing services. Joining is strictly voluntary and not required for SERA services.

Associate Membership - Our Biggest Challange!!

Yes, Everyone sez, "SERA is the biggest membership regional organization in the nation." Everyone is impressed at the big numbers tossed around with repeater membership. But when you toss a figure such as the SERA Associate Membership (repeater users), you kind of wonder . . . what happened! If you estimated the total number of hams in our eight states, and compared with them, the number who support SERA, you would be quite shocked. We, you may have noticed, don't publish Associate membership numbers. I guess it is through the fault of the editor.

He just doesn't feel it would show SERA in the light he wants the organization to be seen. Our overall circulation of the Repeater Journal approaches 4,000. That is the only figure he will release.

It is not that hams don't want SERA or the Journal. It is the task of getting the word out, especially to the new hams about SERA and the Repeater Journal. When anyone finds out about SERA, they generally join.

So how can we get the word out within a budget and manpower that we have available? Any readers with any ideas? Write, we certainly could use some new ideas.

GREENSBOR

Get Ready For The
11th Annual

GREATER GREENSBORO HAMFEST

DATE: November 30 & December 1, 1991
HOURS: Sat. 8:00 A.M.-4:00 P.M. & Sun. 8:00 A.M.-2:00 P.M.
LOCATION: Franklin Blvd. National Guard Armory
TICKETS: $4.00 Advance, $5.00 At The Gate
FLEA MARKET: Price of Ticket & $2.00 (Outside)
INSIDE: Inside Tables — Sold Out For 1991!
TAILGATERS: Price Of Ticket & $2.00
LADIES: Mrs. Skinner, Mrs. Ayers and The Doll Lady will be with us again this year.
SHOPPING: Shuttle Bus Service will be provided to Four Seasons Town Centre Shopping Mall. Saturday Only!
FCC EXAMS: Walk-In, Saturday Only
TALK IN: 146.760 (-.600), 145.250 (-.600), 146.520 (S)

INFORMATION — REGISTRATION — TICKETS

GREATER GREENSBORO HAMFEST
P.O. BOX 7862
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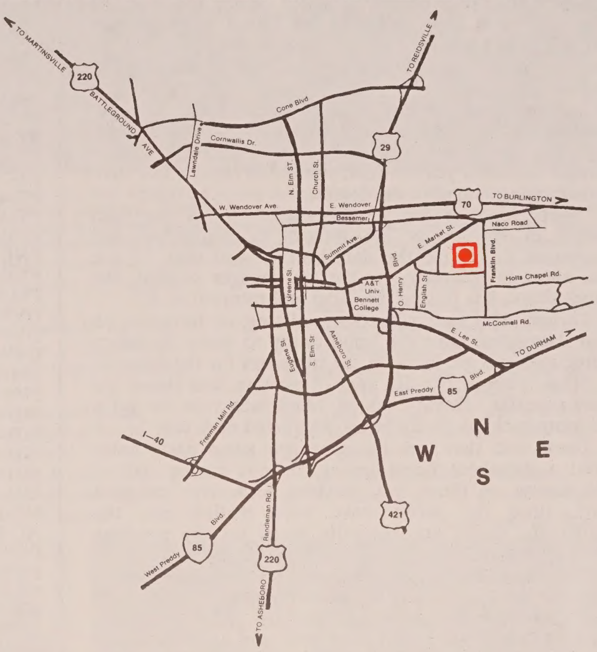
Send In Your Advance Registration Now and Save $1.00 per ticket. Your Tickets Will be held at the gate for you to pick up upon arrival Saturday morning. SAVE $1.00 and be eligible for Pre-Registration Drawing. SEND IN THE COUPON WITH YOUR CHECK TODAY!!

O HAMFEST

ARRL APPROVED HAMFEST

- VE SESSION–Walk-In Saturday Only! Registration 8:30 a.m., bring current license or CSCE and copies, photo ID, and $5.25. Info: W5YI Greensboro, c/o GGH, P.O. Box 8252, Greensboro, NC 27419-0252. For more information call Charles Layno, 919-288-3635 from 6-10 p.m.



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Monies must be received in Greensboro no later than November 25, 1991. **Total** .... $ ______

Make all checks payable to the Greater Greensboro Hamfest.
Send form to: GGHamfest, P.O. Box 7862, Greensboro, N.C. 27417-0862.

Please Send S.A.S.E. - TNX

NAME ______________________ *CALL* ________

ADDRESS ______________________________

CITY ______________ *STATE* ________ *ZIP* ________

Repeater Data Sheets In The Mail For SERA Territory

David Ward, KA4LVO, Membership and Computer records chairman reports that all known repeaters in SERA territory have had their data sheets mailed. The mailings went out the last week of October.

David said the data sheets contain all the pertinent information ever required for SERA Directors (Frequency Coordinators) to do their job. He added that most data sheets are fairly up-to-date, but there are quite a few that repeater owners just don't seem to want to take time to fill out.

David said that once a repeater owner fills out the data sheet, it is kept on file in the SERA database, and the next year's printout of the sheet will contain all the information that was originally submitted by the repeater owner.

He said that repeater owners who receive database sheets for their repeaters that are incomplete would just take time to complete the sheet and return it, unless changes occurred year-to-year, the owner would not have to make any changes in the future.

"Every repeater has a data sheet printed out, and mailed to the owner on record, or whomever was designated to receive the datasheet," David said, "If the data sheet is complete, or has no changes needed, the owner simply has to sign the sheet and return it as is."

Owners who have something missing, or incorrect on their datasheets have the opportunity to make necessary corrections and get them on the computer for the future.

"This is about our 5th year of mailing data sheets for every repeater," David added, "And each year, we get a few more back, more are being completed each year."

David said that sometimes he gets some nasty notes about a datasheet being wrong, or not having correct information on them, but checking back over the past years, since the sheets have been mailed out, the incomplete sheets are generally based on the previous years or past mailings and no one filled them out then.

"I even get complaints from owners who have a datasheet which is accurate and complete," David said, "But they have to understand, we are giving them the chance to check their data each year, and an opportunity to correct or change anything which might need changing - which is really for their benefit."

He said that those owners, which are a very few, are doing themselves an injustice by not filling out the datasheet and returning it. (1) The information contained on the database is used by Frequency Coordinators in determining new coordinations, (2) The data is fed to the National Data Base.

David gave a few statistics:

- Over 1,400 sheets of paper - one for each repeater.
- Printing time on a 24-pin printer was 16 hours.
- Six ribbons were required to get the total printing job done.
- Postage for mailing cover letter and data sheets ran over $700.
- Over 30 man-hours involved in getting the data sheets ready.
- An estimate of 200 man-hours to update returned datasheets.
- Approximately 1,000 of the 1,400 datasheets mailed will return.
- Approximately 775 repeaters will join as Full Members.

Repeater owners are reminded that they may join SERA, or renew their membership along with the datasheet return. NO repeater owner is required join SERA for its services. Full Membership is a voluntary thing for each repeater owner, as he desires to support the organization. SERA, of course, hopes that every owner wants to join on his own accord.

YAESU

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FT-1000D	HF 200watt tuner/power supply	3629.00
FT-990	HF 100watt tuner/power supply	1999.00
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767-6M	6 meter module unit FT-767	189.00
767-70A	440-450mhz unit FT-767	289.00
FT-757GX	HF 100 watts tranceiver	919.00
FT-747GX	HF 100 watts tranceiver	699.00
FC-757AT	auto antenna tuner	379.00
FP-700	standard power supply (20A)	219.00
FP-757HD	heavy duty power supply speaker	279.00
FT-736R	2mtr/70cm all mode tranceiver	1599.00
736-6M	6 meter unit FT-736	264.00
736-220	220mhz unit FT-736	289.00
FT-5200	2mtr/70cm 50/35watt mobile	629.00
FT-212RH	2 meter 45 watts mobile	349.00
FT-2400H	2 mtr alpha-num 50 watt mobile	349.00
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FT-690R/II	6 mtr all mode 25 watt	659.00
FT-790R/II	70cm all mode 25 watt	599.00
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DVS-2	digital voice memory	279.00
DVS-3	digital voice memory	124.00
FM-747	FM for FT-747	47.00
FVS-1A	voice synth FT-736	37.00
MD-1C8	desk microphone	109.00
MH-1B8	hand microphone	29.00
MH-12A2B	speaker microphone large size	36.00
MH-18A2B	spker microphone small size	29.00
MH-19A2B	mini earpiece/microphone	31.00
NC-15	quick charger 727/209/709	95.00
NC-29	quick charger 411/470	65.00
PA-3	mobile dc adapter 727/209/709	28.00
PA-6	mobile adapter 411/470	22.00
SP-5	external speaker w/filter	144.00
SP-6	external speaker FT-990	144.00
SP-767	speaker W/filters	99.00
SP-767P	speaker W/phone patch	136.00
YH-2	vox headset	30.00
YH-55	deluxe headset	28.00
YH-77	light weight headset	26.00
YSK-1L	separation kit FT-5200	59.00
YS-60	1.8-60 mhz 2kw swr/power meter	127.00
YS-500	140-525mhz swr/power meter	99.00
G-250	light duty rotator 4 sq ft	111.00
G-400RC	light/medium duty 11 sq ft	229.00
G-800S	heavy duty rotor 20 sq ft	289.00

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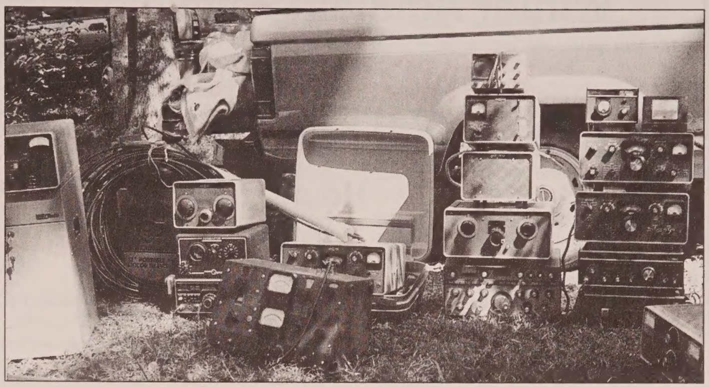
Will of Goodwill

12-Year-Old Inherits Huge Ham Station

Cover Story

-by Gary & Donna Foster
WD8OXE & KB4TUY



A pile of Amateur and test equipment is laid out on the ground, after being delivered to 12-year-old Jessica Lawrence, KC4PFC. The young lady was recipient of the equipment as prescribed in the will of the late William Kessel, K3SO who died recently after retiring to Florida. Modest ceremonies were carried out in early October for Jessica by friends.

Still suprised at what has taken place, 12 year old Jessica R. Lawrence KC4PFC, along with her Dad, Mark WA4BEI, Mom Darlene WB4SOD, and brother Ben KC4OWK, were anxiously awaiting the arrival of her Ham radio equipment.

The radio equipment, belonged to the late William M. Kessel K3SO,(formerly K4RCS), and was to be given to the youngest Ham radio operator in Greenville County at the time of his death, as instructed in his will he made 30 years ago.

Taking on the endeavor of locating and the verification of the youngest ham operator at the time of Mr. Kessels' death, was John Chism ND4N, President of the Blue Ridge Amateur Radio Society and his wife Sue Chism N4ENX, who is secretary of BRARS.

Finally, after narrowing down five young contenders, Jessica Lawrence of Tigerville, S.C. was named beneficiary of the following items:

- 1 Kenwood TS 700A
- 1 Argonaut 505
- 1 Drake TR7
- 1 Signal One HF Transceiver
- 1 Collins "S" Line Transmitter
- 1 Collins "S" Line Receiver
- 1 KWM-2 transceiver
- 1 Henry Radio 4K HF Amp. (in Suitcase)
- 1 Hunter "Bandit II" RF Amp.
- 1 Hallicrafters 2m Transverter
- 1 Frequency Meter 1 Panoramic "Panadapter"
- 1 Heathkit Monitor Scope
- 1 Memory Keyer & Paddle
- 1 Antenna Tuner
- 1 40-ft. tower & rotator
- 1 6-element telex tribander
- 1 3-element tribander
- 1 well stocked junk box
- AND miscellaneous cables, open wire feeders, power supplies and accessories.

The equipment was delivered by Tom Sullivan K4VJZ, who became friends with Kessel while both were living in Greenville, S.C. Tom said they lived only a block away from one another but never knew who the other one was.

About Kessler and Sullivan

Mr. Sullivan goes on to explain that one

(Continued on Page 9)

Equipment is carefully unloaded from the pickup truck by brother Ben, KC4OWK and John Chism, ND4N. The new recipient of all the goodies was Jessica Lawrence, KC4PFC of Greenville County, SC. Her inheritance included over 6 complete HF stations, and a multipude of other pieces of ham and test equipment and parts.

Jessica Lawrence and her Father Mark, WA4BEI ponder the gifts she has received from the will of the late William M. Kessel, K3SO. Jessica, KC4PFC received the very large assortment of ham equipment in early October when it was brought to her home in simple ceremonies. (photo ctsy Gary Foster, WD8OXE)

RICHMOND FROSTFEST XV

Winter Amateur Radio and Computer Show

SUNDAY, JANUARY 19, 1992

The Showplace, 3000 Mechanicsville Turnpike, Richmond, Virginia

Hours: 8:30 A.M.-3:30 P.M.

An ARRL Approved Event

Presented By The Richmond Amateur Telecommunications Society

GENERAL INFORMATION

DEADLINE FOR ALL RESERVED SPACES AND ADVANCE TICKET SALES IS DECEMBER 30, 1991. No space reservations or advance tickets after that date. Any unsold spaces will be available on the day of the show. All monies for advance tickets and reserved spaces must be received no later than January 7, 1992.

AMATEUR RADIO EXAMS GIVEN ON SATURDAY, JANUARY 18, AT 7:00 p.m. Limited walk-ins. For more exam info, contact Phil Giella at (804)561-3020, Ron Bolton at (804)798-5191, or Bill Mason at (804)745-5822.

SAME LOCATION AS LAST YEAR! Building available for set-up from 12:00 p.m. until 8:00 p.m. on Saturday the 18th. Will re-open at 6:00 a.m. Sunday for set-up. Drive-in for unloading is available on Saturday only.

LOTS OF PRIZES! Exhibitor, hourly, and major door prizes. Hourly prizes drawn starting at 9 a.m. Major prizes drawn at 3:30 p.m.

FIRST-RATE TALK-IN SERVICE! Talk-in provided Sunday morning on the 146.88 and 145.43 repeaters.

TICKETS AND RESERVATIONS: Mark Huff, WA4DHY, (804)747-0227 Evenings 7 PM - 10 PM (Mon. - Thurs.)
OTHER INFORMATION: Bill Mason, AB3P, Frostfest Chairman, (804)745-5822 Evenings

- -

REGISTRATION FORM

NAME ______________________________ TELEPHONE ______________

BUSINESS NAME or AMATEUR CALL SIGN ______________________________

ADDRESS ______________________ CITY ____________ STATE _____ ZIP ______

_____ ADMISSION TICKETS @ $5.00 EACH.. $__________

_____ ELECTRICAL POWER FOR FLEA MARKET AREA @ $5.00........................ $__________
(Payment of one power fee covers all flea market tables for an exhibitor)

_____ GENERAL TABLES (8') @ $10.00 EACH.. $__________
(Non-Commercial Exhibitors must also purchase General Admission Tickets)

_____ COMMERCIAL BOOTH SPACES (8' each) @ $30.00 FIRST TABLE,
$25.00 EACH ADDITIONAL TABLE (Price includes tables and electrical power)........ $__________

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CUT-OFF FOR ADVANCE TICKETS AND RESERVATIONS IS DECEMBER 30, 1991

12-Year-Old Inherits Ham Station

Part of the work gang paused a moment to reflect the gift received by Jessica (far right). She was recipient of an inheritance from a former Greenville County, SC resident, who willed the youngest ham in the County, his complete ham collection upon his death. In the photo: Bob Brock who came to help, Ben, KC4OWK, brother; Darlene, WB4SOD, mother, Mark WA4BEI, father (partially hidden) Tom, K4VJZ and Jessica, KC4PFC. (Photo story by Gary and Donna Foster, WD8OXE & KB4TUY)

Jessica makes a gift of an Argonaut 505 to long time friend of the late William Kessel, Tom Sullivan, K4VJZ. When Jessica was named recipient of Kessel's station, Sullivan came from Florida and assisted in presenting the equipment. Jessica, upon hearing of Tom's love for the Argonaut, gave it him as a gift.

(Continued from Page 7)

day while operating his war surplus radio equipment, a young boy named Ricky, who was always interested in Ham radio, came by to tell him there was another man a block away on Butternut St. who was also a Ham radio operator.Tom knew that a Ham lived there from seeing his tower and antennas. Later on, Ricky came back and informed Mr. Sullivan that the man on Butternut St. had invited him over. So over he went, and much to his suprise there sat Mr. Kessel, Plant Manager of Cryovac, where he also was employed. They began talking Ham radio and remained best of friends through the years.

Later, Mr. Sullivan left the area and retired to Macintosh, Alabama

After retiring in Maryland, Mr. Kessel made the move to Niceville, Florida where he remained for 10 years until his death in February, 1991. He was born in Waterloo, Iowa, and graduated from the University of Iowa with a degree in engineering. He then enlisted in the Air Force and became a Pilot and then a Communications Officer during WW II. Following his discharge with the rank of Captain, he held a position as Production Manager and later Plant Mgr. for Cryovac in Simpsonville. Another promotion gave him the title of Regional Vice President of Cryovacs' parent company W.R.Grace.

Mr. Sullivan says of Mr. Kessel,"very few people have such a high I.Q., he was a very sharp man. While in the Hospital, just before he passed away, he was looking forward to getting home so he could work Albania, that would have been a new country for him."

Mr. Kessel at his death at the age of 70, had worked 337 countries. His wife Marjorie had preceeded her husband in death in 1990.

Mr. Sullivan offered to bring the equipment to Jessica during his trip with his wife Emily to Greenvile. Upon arriving in Greenville, he visited another friend of his and Mr. Kessels', Bob Brock, who was also employed at Cryovac. Mr. Brock accompanied Mr. Sullivan in delivering the equipment.

Jessica and her family discovered Mr. Sullivan had made several contacts on the Argonaut 505 during the times he spent with Mr. Kessel, and planned to hand it back over to him upon his arrival. Mr. Sullivan was very pleased to receive a piece of the equipment that belonged to his friend.

About Jessica

Jessica and her brother Ben, age 14, became interested in Ham radio one Christmas while their Dad was operating CW, and by the end of their Christmas vacation both were able to copy code.

Jessica earned her Novice license in February 1990, upgraded in March of 1991 to Technician. Jessica attends Bob Jones Junior High School in Greenville.

Jessicas' parents are very proud of both their children and are elated with the gift from Mr. Kessel.

Jessica has decided to donate the Collins Twins to the Greenville County School system's Roper Mountain Science Centers' Radio Club, to enable and encourage other school children to learn more about the excitement of Amateur Radio. She and her parents are also raising a plaque at the Science Center in Memory of William Kessel.

It is the benevolence from people such as William Kessel that make Amateur Radio such an exciting and invaluable fraternity that you are proud to be a part of.

VECs Say: No New Question Pool Changes Til 1993

The National Conference of VECs (Volunteer Examiner Coordinators), Question Pool Committee (QPC) reported in June that they had set up a schedule for revisions to the Novice and Technician Question Pools, (Elements 2 and 3A.) They are now scheduled for replacment effective June 30, 1993. Novice and Technician questions presently being used will remain in effect until after that date.

The QPC also indicated that expiration dates for the General, Advanced and Extra question pools have not been set, but will be sometimes AFTER June 30, 1993.

ARRL and other Study Guide publishers note that some of their books may have dates on them which might be confusing to the reader as to when the books will expire, but as new press runs are made, dates will change. The books presently being published are good, regardless of the expiration date.

Most all existing (current) study guide publications for Novice and Technician are usable through June 30, 1993, and generally all current General, Advanced and Extra study guides will be good through June 1994. (When the question pools are updated, they generally go into effect about 1 year after that date). New books reflect those dates.

Recent changes to licensing, and some confusion as to when new question pools were to be released in the future had made book publishers tear their hair out. The Question Pool committee has solved this problem by setting specific dates in the future for question pool updates in Amateur licensing.

Amateurs can be assured current Study Guide books on the market are good and will not be changed until after 1993 and 1994.

-Tnx ARRL, QPC, WCARS-VEC

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R-72	30khz-30mhz receiver am/cw/ssb	799.00
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BP-82	300mah 7.2v Ni-Cad battery	45.00
BP-83	600mah 7.2v Ni-Cad battery	47.00
BP-84	1000mah 7.2v Ni-Cad battery	72.00
BP-85	340mah 12.0v Ni-Cad battery	92.00
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SM-6	desk microphone 8 pin	45.00
SM-8	desk mic 8 pin with up/dn	84.00
SP-3	desk speaker IC-725/735	62.00
SP-12	mobile speaker	25.00
SP-20	desk speaker with filters	134.00

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SERA Officers for 1992-93 Nominated by Committee

-by David Ward, KA4LVO
Nominating Committee Chairman

The SERA Nominating Committee, which was appointed by SERA Prtesident Carter Cogle, K4ARO have sent their nominations to the Secretary for officers for the upcoming election.

Here are the committee's recommendations:

- **PRESIDENT** - Dave Shiplett, WL7ACY of Warner Robbins, Ga. (He is presently the Georgia Director)
- **VICE-PRESIDENT** - Nita Wofford, N4DON of Memphis, Tn. (She has agreed to run another term)
- **SECRETARY** - Barbarra Gregory, WA4RMC of Chattanooga, Tn. (She will also run another term)
- **TREASURER** - Ray Adams, N4BAQ of Knoxville, Tn. (He will seek another term)

The Secretary will hold the Committee's recommendations until after November 30th. If there are no further nominations, the SERA Board will proclaim the nominees as elected for the 1992-93 term of office and each will begin serving their new term on January 1 1992.

Nominations "from the floor" may be submitted by any SERA Full Member by properly filling out the form included in this issue, and mailing it to the Secretary. The mailing must be postmarked no later than November 30, 1991.

To be eligible for office in SERA:

- Must be a Full Member, listed as such in the February 1991 Repeater Journal.
- Must not be an officer or official of any other coordination body or council.
- Must have the endorsement of three other repeater group SERA Full Member representatives.
- Must agree in writing that he will serve the appropriate office nominated in SERA if elected.

If any additional valid nominations are received by the Secretary postmarked by November 30th, ballots will be made up and mailed the first week of December with instructions for voting, when they must be returned and other pertinent information. Ballots will be mailed to all SERA Full Members in all 8 SERA States.

The SERA "FROM THE FLOOR" NOMINATION APPLICATION IS PRINTED ON PAGE 14. Please follow instructions carefully and mail to the SERA Secretary - postmarked no later than November 30th.

SERA ELECTIONS

It is the privilege of every SERA Full Member to have a voice in who will lead the organization for the next two years. If you feel you know someone who would be more dedicated and do a better job for any SERA office, the "from the floor" nomination form is for your use. Your Nominating Committee is making recommendations. You have a choice!

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We have a limited variety of utility pole hardware and can supply utility poles in the Greensboro, N.C. area.

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Made by 3-M Co. This can be used for underwater connections also. A 15 oz. can will do 50 to 100 connections.

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Good for dipoles or overhead supports on beams at a very low cost. Lasts two or three times longer in the sun than regular poly rope.

¼ inch	4 cents/foot
600 foot spool	$20.00
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The fastest and most reliable connections for buried or above ground rods. This system provides a molecular bond that can't loosen, can't corrode, isn't subject to galvanic corrosion, and is capable of carrying more current than the grounding conductor itself. West Antenna Corporation can supply and install ground systems for commercial tower sites.

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RELAYS - These Motorola Type A style relays can be installed near the fuse block in the fenderwell and remotely switched under the dash with a small toggle switch. Excellent for switching high current lines. Relays are a closed type with screw terminals for mounting . . . . Special $13.95

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Radio Interference

-by Alpheus H. Starkely, K4WC

Interference to radio communications can be broken down into two categories. . .unintentional and intentional.

Unintentional is the most common. It falls into two classifications. . .natural and man made.

The best example of natural interference is the static caused by lightning. Since on many frequencies this can be almost anywhere in the world, and, since no one has yet come up with a way to prevent lightning, there is nothing which can be done about it.

Man made unintentional interference can sometimes be corrected. Examples of this classification cover a wide range from an arcing caused by a poor electrical wiring connection to a bush touching an electric fence. Because the source was not intended to cause interference, and, because the party responsible for the source usually is not aware of the problem, one attempting to and locating the source often, but not always, does the party responsible for the trouble a favor. In many cases this is a real challenge. If you enjoy being a detective, it can even be quite rewarding. Within reason, however, something can be done about this type of interference.

Also in the classification of man made unintentional interference is operational use by another amateur. An example is one amateur "tuning up" without realizing that some other amateurs are using the frequency. This type can often be avoided by more care on the part of the amateur who utilizes a frequency which is already in use. Since all of us who transmit are capable of this type of interference it is well to keep this in mind before we make a transmission.

On the other end, each of us would be wise to recognize that interference can be unintentional even though it may not seem so. Most amateurs, if not provoked by unnecessary verbage, will quickly rectify an unintentional man made interference of this type.

But alas, the last category is the most troublesome and causes the most irritation. . .the *intentional* man made interference.

There is a cure for it!

The cure is hard; the cure is time consuming on many occasions; but, it can be cured!

The answer to intentional man made interference is a single word. . .**SILENCE**!

Absolute silence concerning the interference. Any reference, even oblique, is not a satisfactory treatment.

This solution is touch, hard to do, and very frustrating. But it must be done completely or it won't be effective.

There apparently are some people who enjoy bothering others. Some are worse than others, but, while interfering they appear to get pleasure. Since such conduct cannot be of use, except, presumably to the one interfering, there is nothing which can be done to prevent it. Mentioning the interference, worse yet, indicating what you think of such a person who would interfere, just provides gratification desired by the culprit. So, just **SILENCE!**

It has been observed that sometimes the interference will be sufficiently weak to permit near normal communications to continue just as is the case of natural interference. Unlike lightning caused static (for which there is no cure), the interference will continue if any hint is given that it is being observed.

To sum it up: INTERFERENCE - *Natural* - may not be cured. - *Man Made* - Unintentional - may be cured. Intentinal -ignore it is the ONLY cure.

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Modern, High-Performance Stations use COMET Antennas, Duplexers, Triplexers and Accessories!

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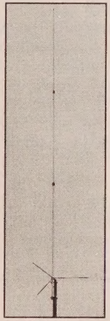
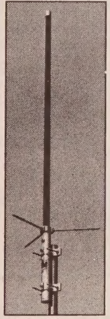
Base/Repeater



CA-2x4MAX
Gain & Wave:
146MHz 8.5dB
5/8 wave x 3
446MHz 11.9dB
5/8 wave x 8
Max Power: 200 watts
Length: 17′ 8″
Connector: UHF



CA-2x4FX
Gain:
146 4.5dB 446 7.2dB
Max Power: 200 watts
Length: 5′ 11″
Connector: UHF

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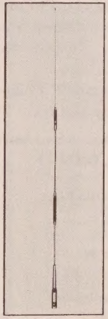
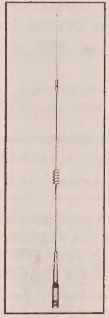
CPR-5800
Gain & Wave:
146MHz 5.0dB
7/8 wave
446MHz 7.6dB
5/8 wave x 3
Max Power: 120 watts
Length: 5′
Connector: UHF

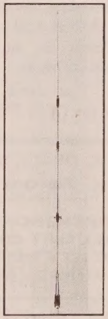


CPR-5600
Gain & Wave:
146MHz 4.3dB
6/8 wave
446MHz 7.0dB
5/8 wave x 3
Max Power: 120 watts
Length: 4′ 6″
Connector: UHF

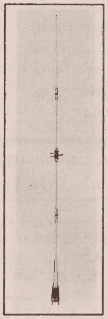


CPR-5400
Gain & Wave:
146MHz 3.5dB
1/2 wave
446MHz 6.0dB
5/8 wave x 2
Max Power: 120 watts
Length: 3′ 2″
Connector: UHF

2x4 Series
Best Sellers

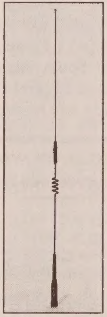


CA-2x4MB
Gain & Wave:
146MHz 4.5dB
7/8 wave
446MHz 7.0dB
5/8 wave x 3
Max Power:
150 watts FM
Length: 4′ 10″
Connector: UHF

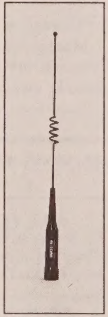


CA-2x4SR
Gain & Wave:
146MHz 3.8dB
5/8 wave
446MHz 6.2dB
5/8 wave x 2
Max Power:
150 watts FM
Length: 3′ 4″
Connector: UHF

NEW B Series
Black Anodized



B-20
Gain & Wave:
146MHz 2.15dB
1/2 wave
446MHz 5dB
5/8 wave x 2
Max Power: 50 watts
Length: 30″
Connector: UHF



B-10
Gain & Wave:
146MHz 0dB 1/4 wave
446MHz 2.15dB
1/2 wave
Max Power: 50 watts
Length: 12″
Connector: UHF

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CF-4160K: All UHF Conns w/o Leads
CF-4160I: Ditto, but 440 Input
N-male Conn. w/o Leads

SERA OFFICER NOMINATING FORM

For the Office of **President, Vice-President, Secretary or Treasurer**

Please Fill out this form and mail to the Secretary no later than November 30, 1991.

To the SERA Secretary:
The below named person(s) are nominated to Office(s) listed below. The persons nominated have been contacted and through their acceptance letter (enclosed) will serve if elected. The nominee is a SERA FULL MEMBER appropriately listed as such in the February 1991 Repeater Journal, is not an officer in any other coordinating council, fully qualifying under the bylaws of SERA to hold office. It is understood that this nomination from the floor, signed by myself and three other eligible SERA Full Members will be added to the nominating committee's list of nominees. This "from the floor" nomination for an officeer, will cause an election to be held by written ballot, mailed to every Full Member of all eight SERA Districts.

Office for Which Person is nominated______________________________

If more than one nominee, use copy or simular sheet of paper for each nominee.

Name and Callsign of Nominee______________________________

Address______________________________Phone (   )__________

Is a representative of ______________________________Full Member Repeater

Person has been contacted and has agreed to serve ( ) Yes

Please include brief Biographical sketch of nominee (Use separate sheet)

This SERA Officer Nomination is cerfified by______________________________

Call__________My Signature______________________________

I am member of ______________________________Full Member Repeater group

Please list three other Full Member Repeater Representatives (each must sign)

______________________________callsign__________

______________________________callsign__________

______________________________callsign__________

Mail this properly completed form with other necessary paperwork to: BARBARA GREGORY, SERA Secretary, 8619 Smokerise Lane, Chattanooga, Tn. 37421

(This mailing must be Postmarked no later than November 30, 1991)

Montgomery Hamfest

The Montgomery ARC will host the 14th annual Montgomery (AL) Hamfest in Garrett Coliseum at the South Alabama State Fair grounds, located on Federal Drive in the North Eastern section of Montgomery.

Free admission, free parking, all indoors, including the flea market. Doors open to the public at 8:00 a.m. Central time. Walk-in VE exams on site at 8:00 a.m. Talk-in on 146.24/146.84.

For more information, contact Philip Salley (205) 272-7980 after 5:00 p.m. CST.

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B. Lewis Trexler - WA4UTY

B. Lewis Trexler, WA4UTY, well known ham in the Asheville, N.C. area, died on August 12 of an apparent heart attack.

Lew was a very dedicated man in all aspects of life. Dedicated to his wife, his family, his friends, his job as engineer of the Norfolk-Southern Railway, his hobby of Amateur radio and also his obligations as WCARS/VEC chairman which he held for almost 7 years.

Lew was very active on 2M and 220 and was always available to lend assistance to anyone.. His greatest desire was to keep Amateur radio wholesome and fun.

He is survived by his wife Patricia, WA4UTX, son Richard N4OZZ, son Mike N4KYT with wife Manette N4KYS, who have two pre-school age children.

Lew will be missed.

-Tnx from WCARS

New North Carolina Journal Correspondent

Gene F. Egely, K3EJG of New Bern has joined the staff of the Repeater Journal. Gene, whose first column appears in this issue is a retired educator from Pennsylvania.

He is a welcome addition to the Journal staff and will be featuring stories and items about North Carolina hams, repeaters and clubs. His main area of coverage will be the Eastern part of the state. An opening is still available for someone in the Western part of North Carolina as a correspondent for the Journal. The pay is terrible, but the satisfaction is enormous!

Send your news of interest to North Carolina hams to: Gene F. Egely, K3EJG, 115 Randomwood Lane, Newbern, NC 28562. (919) 636-5935. He also monitors UOUBBS, (WB4UOU, Grifton) packet mailbox.

A warm welcome to the Repeater Journal staff, Gene, we're proud to have you become a part of such an important part of Amateur radio publishing in the Southeast. (Editor)

1992 SERA Hamfest Calendar This Issue

The entire 1992 Repeater Journal Hamfest Calendar is published this issue of the Journal. Listings containing asterisks are not confirmed and based on last year's show dates.

Hamfest sponsors are urged to get their confirmed dates to the Journal Editor prior to Jan. 1, 1992 for publication in the February Journal. Over 100 listings are printed.

SOUTH CAROLINA NEWS

-by Gary, WD8OXE & Donna, KB4TUY Foster

Send news and correspondance to: 670 Foster Road, Inman, SC 29349

The no-code licensing seems to be working here in the Carolinas' with new KD4 calls coming on the air every day. We would like to welcome all the new hams, and hope if one of the newcomers hears us on the air you will give us a call. We are now receiving newsletters from the Anderson, Greenville, and Spartanburg ARCs on a regular basis. We are still hoping to hear from other clubs in South Carolina. We would like to thank Sue, N4ENX and John, ND4N for help on the upstate news, and Robert, KC4TGV for help in the lowcountry news, and to many others for their bits and pieces of information. Please send us your news, newsletters and anything of interest to the ham communicty.

* * * * *

The Greenwood Amateur Radio Club recently held a novice class that was a "Family Affair." There were eight students in the class and they all passed with flying colors. The class was taught by Earl Gillian, K4VIA. Getting their new Novice tickets were: Earl's daughter, Marsha, KD4AYF; granddaughter Erica, KD4AYE; and grandson Brian, KD4BBZ. George Fort, WA4TNO's wife Margaret became KD4BKV at 72 years young. Joining her and her husband were their three sons and two daughter-in-laws.

Tonya Rash became KD4BBX, to complete her ham family with her Dad Fred, KA4KYB; Mother Hazel, KC4IEF; and brother Derrick, KC4IEK.

George Kennedy, at age 69, became KD4BBY, Donnie Oliver became KD4AZB, and Dewie Willis became KD4AZC. All these Hams passed the 5 word code test and are working on getting the coded Technician in a new class being taught by Earl. Special thanks go to KC4CMF, KB4YON, KJ4VJ and K4DOK for testing these new hams.

* * * * *

The North Spartanburg 147.315 repeater now has the tone access (141.3 hz) on the receiver. This cleared up an interference problem with a Georgia repeater. A new Diamond Dual-Band 2-Meter/440 Mhz antenna has been installed at a new location which has increased coverage. A 5-watt mobile transmitter now has coverage at mile marker 3 on I-26W, 38 East, mile marker 59S on I-85 and 86 North.

* * * * *

The Greenwood ARCs 147.165 repeater, a micro control Mark 4 was sent back to the Factory and upgraded with the latest Computer software. The system is now controlled remotely via phone line with an IBM PC. We hope to have more on how it's working out for the next Journal.

* * * * *

The Roper Mt. Experimenters Group had a Novice class with four Novices getting their tickets. Their next balloon launch is planned for this Fall and it will be a "UFO." The plans call for the package to be shaped like a flying saucer to generate public interest. The call on the balloon will be N4**UFO**.

* * * * *

The newest machine to the upstate is the Gaffney KN4RG 145.47 repeater. It is located on Thickety Mt. with an altitute of 1360 feet, located outside of Gaffney on Highway 11. The repeater is an ICOM 1520, with 25-watts ouptut. The site building and tower are provided by Morris Communications. The feedline is 7/8" hardline feeding a Diamond antenna at the 75-foot level on the tower. Mobile coverage on I-85 is Gastonia North and South to the Highway 153 Easley exit. Coverage is unknown toward I-40, but solid to Chester. Mobiles on I-26 East start keying the repeater at the Newberry exit and work it until reaching Highway 14 at the Landrum exit. Future plans call for an autopatch when a phone line becomes available. This is Gaffney's first repeater and is generating a lot of Cherokee County activity.

* * * * *

RAMBLINGS ACROSS THE STATE . . The 147.345 repeater is on the air in Charleston from the 1920 foot level of the Channel 5 tower. According to Bill, N4NMH, the repeater is a homebrew with high grade components and sounds great. . . .The 146.88 is on the air in Orangeburg at I-26 and 601. . . 145.33 is on the air in Sumter. . . The Charleston 145.25 repeater did not change sites as planned. The tower is being repaired and a PL of 88.5 hz has been placed on the receiver to eliminate cable noise. The autopatch is now open to all, * up, # down . . . We have a report from KC4TGV that 146.76 in Charleston is up and running with an open autopatch . . . A W5YI Team is now giving tests in the Charleston area . . .

* * * * *

The Greenville/Parris Mt. machine is moving to Roper Mt. The move will serve two purposes, to solve an interference problem and provide an additonal Science display at the Science Center. John, ND4N, outfitted the repeater with a plexiglass front panel that will enable visitors to view the repeater workings. The repeater is an ICOM with 25-watts output that connects to a Hustler G7 antenna which will be mounted above the lowband antenna on the tower at the site.

* * * * *

That's all for this issue. Don't forget, put us on your mailing list for South Carolina newsletters. And send news!

Give The Journal

Give your new ham friend a gift subscription of the Repeater Journal. He'll stay informed as you will and thank you.

SERA QUARTERLY FINANCIAL STATEMENT

-by Ray Adams, N4BAQ, Treasurer

FINANCIAL REPORT FROM JANUARY 1 to SEPTEMBER 30, 1987, 1988, 1989, 1990, AND 1991

Dues	$6/$15	$6/$15	$6/$15	$6/$15	$6/$15
REVENUES	1987	1988	1989	1990	1991
Advertising	$ 3,671.50	$ 5,792.00	$ 7,084.00	$ 8,672.70	$ 7,661.65
Associate membership dues	8,983.00	9,729.50	8,507.25	7,512.00	8,404.00
Full membership dues	2,789.50	3,394.00	3,882.50	5,807.00	5,297.50
Decals	16.00	116.50	31.00	33.50	142.75
Postage - includes HOT-P	202.50	103.50	135.00	164.50	203.50
Interest	306.31	425.97	216.55	338.09	383.68
Hats	33.00	47.50	-0-	-0-	-0-
Contributions	102.00	-0-	336.40	100.00	50.00
Other	14.00	12.00	100.00	95.25	207.50
	$16,117.81	$19,620.97	$20,292.70	$22,723.04	$22,350.58
EXPENSES					
Journal mailing	$ 1,930.57	$ 2,061.44	$ 2,363.18	$ 2,311.87	$ 2,976.35
Journal production	12,273.44	12,012.71	15,511.23	13,121.32	12,775.09
Miscellaneous	69.95	100.00	115.75	140.00	96.61
Travel and meetings	2,051.22	1,241.72	1,856.42	1,469.98	847.86
Office expenses	171.10	208.65	386.47	587.35	1,269.96
Amortization of office machines	875.63	862.24	1,125.90	1,322.52	2,059.43
Postage - other than Journal	336.48	898.79	1,368.26	859.28	1,380.14
Printing - other than Journal	571.62	494.76	418.41	464.64	233.64
Telephone	349.67	732.04	426.12	515.56	1,220.64
	$18,629.68	$18,612.35	$23,571.74	$20,792.52	$22,859.72
REVENUES OVER (UNDER) EXPENSES	($ 2,511.87)	$ 1,008.62	($ 3,279.04)	$ 1,930.52	($ 509.14)
Balances, Beginning of year					
Expenses advanced	$ 900.00	$ 900.00	$ 900.00	$ 900.00	$ 900.00
Invested in office machines	2,571.63	1,696.00	3,026.00	3,203.60	2,749.00
Cash in bank	5,690.15	7,252.05	5,393.35	4,156.54	9,130.27
	$ 9,161.78	$ 9,848.05	$ 9,319.35	$ 8,260.14	$12,779.27
EQUITY TO ACCOUNT FOR	$ 6,649.91	$10,856.67	$ 6,040.31	$10,190.66	$12,270.13
Less:					
Expenses advanced	$ 900.00	$ 900.00	$ 900.00	$ 900.00	$ 900.00
Invested in office machines	1,696.00	3,026.00	3,203.60	2,749.00	4,340.50
	$ 2,596.00	$ 3,926.00	$ 4,103.60	$ 3,649.00	$ 5,240.50
CASH IN BANK	$ 4,053.91	$ 6,930.67	$ 1,936.71	$ 6,541.66	$ 7,029.63

Your Payoff! - Giving Back Something!

What Have You Done Lately?

-by Ray Adams N4BAQ

I taught my first Novice class in 1978, and I've been tinkering around trying to help others become hams ever since. I guess I have given my share of Novice tests for the time I had been licensed while one General or higher class licensee could administer that test, through March 21, 1987, and have helped with several since two examiners have been required.

In the meantime, the FCC dreamed up a procedure called "Volunteer Examining" in which volunteers from within the amateur service would actually replace paid civil service employees in literally administering the tests for all levels of amateur licensing. I got involved early by working the front desk at the first VE tests in the 4 th call area at the Atlanta hamfest June 16, 1984, as a "VE Trainee" at the Asheville, NC hamfest August 28, 1984 and as "Contact VE" for the Knoxville, TN VE team's initial session September 15, 1984. The Knoxville group proved to be one of the nation's busiest VE teams for the first few years of the program, testing monthly to an average of some 35 applicants. I could normally be found on the sidelines handling paperwork at all sessions, and functioned as the clerk of the team between sessions. It was fun!

By invitation I took a seat on the board of directors of Western Carolina Amateur Radio Society/VEC, Inc. - WCARS/VEC as we call it, on January 1, 1986. In this capacity I became their coordinator for Tennessee, Kentucky, and other areas, principally where I knew someone we could talk into helping. Having served as an officer of SouthEastern Repeater Association, Inc (SERA) since Labor Day, 1981 [it was then Carolina-Virginia Repeater Association, Inc. - CVRA] had given me some exposure to the amateur community so that I had had a chance to meet the more active amateurs of the southern appalachian mountains. I feel that this, coupled with the fact that I am a CPA, and therefore totally accustomed to shuffling paperwork, caused the invitation to be forthcoming.

In any event, as a coordinating director of one of the smaller of the 18 VECs left operating today, I was authorized to not only coordinate test sessions, but appoint the examiners that would conduct those sessions. The authority to appoint naturally carries with it the responsibility of training. We are usually 6th in size when ranked with the other VECs in terms of the number of elements administered, depending on which month's stats you consider. That interprets into a small operation of presently four directors, three engineers and me.

Of course I drew the assignment of not only incorporating the VEC, but getting a tax exemption under Section 501(c)(3) of the Internal Revenue Code on behalf of the newly formed corporation. After the 1986 National Conference of Volunteer Examiner Coordinators we were having trouble finding an acceptable supply of tests. I called R. C. Smith W6RZA of Greater Los Angeles Amateur Radio Group. I had met "Smitty" in Washington, DC at conference and was impressed with a computer program for making up tests that he was showing off. "Could WCARS/VEC get some tests?" "Certainly, and may I send you a disk as well?" Not knowing what to do with a disk when I got one, with the blessing of the other directors, I asked Richard L. Slover ND4F, a fellow Knoxville VE to help out. Not only had Rich been my alternate VE team contact person in the Knoxville VE team since the program started, he has programmed computers commercially since 1974. THAT HELPS! He serves today as one of WCARS/VEC's four directors and Secretary of not only the VEC but the NCVEC as well. We work well as a pair in the VE program at any level.

We still didn't have a training manual, or even a newsletter, and the "gang" was looking to me to do what was done. I opted to go the newsletter route rather than print a training manual for two reasons. A newsletter with the issues serially numbered, but an unspecified schedule could respond much more quickly to reflect even an unexpected change in procedure and could deal with the area of interest at the moment without having to repeat all the details of a manual's contents with any change. I felt the small VEC could keep their VEs better apprised of conditions with a newsletter than they could with a training manual.

No way did we have the funds to distribute a newsletter to all VEs. I talked the board into handling the program through contact people - one or two people per team, mail the newsletter to them and leave it to that person or pair to get the word out to the active team members. I personally try to stay away from the word "Chief" or "Captain" as I don't want to denote more authority than exists. This is totally a volunteer program, and it will run by leadership if it runs at all. The VEC often has only a file of applications that have been approved for appointments to a particular VE team, but has no way knowing who among those appointments remains active or who may have dropped out. The greatest authority in the program is vested in the three individual examiners while they are in the exam room of an accredited session. Many of their decisions, including whether the applicant passed or failed, is not subject to appeal. The VEC, of course, always has the option of not coordinating another session for them, but exercise of that option is rare indeed.

As we didn't have a training manual, how were we to train a brand new team to the point they did even a credible job? What we settled on was generally to have a representative number of the new team visit an experienced team while it is in session or send one or two experienced VEs to coach from the sidelines during the new team's first session.

GUESS WHO GOT SENT? you're right - Rich and I did

As of this writing, we have at least helped administer tests in not only Tennessee but Georgia, Kentucky, North Carolina, Ohio, and South Carolina, and have spoken on the subject in several other states, with travels having taken us to Alabama, Arkansas, Florida, Louisiana, Michigan, Mississippi, New York, Pennsylvania, Texas, Virginia, and even a side trip to Canada. I hope I don't sound overly egotistical in saying I would not be surprised to be America's most experienced Volunteer Examiner. It is still fun!

With this as a background, may I relate a few of the more unusual tests with which I have been involved?

One condition in which I will never again test is while the applicant is on duty as a paramedic! Dwayne Wallace, KN4QB asked for help in administering a Novice test to his friend and fellow paramedic. Jerry Whetstone and I both volunteered, met the two of them at ambulance station #6 one casual evening. Just as a 5 WPM code tape started, you guessed it, the phone rang, engines cranked, wheels rolled, and, under lights and sirens, our applicant departed! The three of us looked at each other like "What fools were we to think this could ever work in the first place?" Dwayne, luckily in uniform, saved the day with "I'm going to follow the ambulance and relieve him so he can finish the test." A few minutes later, the applicant was back in the test room. Dwayne ran three calls before bringing the ambulance back, by which time Mike Macedonia's licensing condition had been reduced to a waiting game, terminated when the post office delivered KC4SOX! Dwayne was the cool head of the group. His being in uniform wasn't luck, he had planned it that way in order to leave him free to play the role of "reliever" if need be.

Through the National Conference of Volunteer Examiner Coordinators (NCVEC) I was elected to the Question Pool committee in 1986, and have been chairman since early 1989. As I am easier to contact by telephone during business hours than the other directors, I was named "prime contact" for FCC relations with WCARS/VEC. Either of these conditions may cause me to be mentioned in a study guide, often with telephone number, no less. I really don't know where Bob Barrett, a Knoxville newspaper reporter got my phone number. The first time I heard of him was when I returned his phone call, thinking he was hunting a story, probably about amateur radio, only to find he wanted to know how to get into ham radio! If he's waiting on me, he's backing up!

I often proofread the manuscript of a study guide for a publisher without charge. Wouldn't I rather take a half day or so and do this than have a bunch of misconceptions running around in public domain

(Continued on Next Page)

teaching misleading principles, many of which I would have to deal with in the exam rooms? Amateur Radio is so much better off if I can help keep that from happening. Because of this, the publishers often send a copy or two of their latest study guide when it comes off the press. I normally have an extra copy or so close by and offered to loan Bob one with a standard set of terms - "Borrow the book, meet me in the test room, pass the test and give me my book back." "Fine, what are you doing for lunch today?" That happened to be a Thursday morning and a group of hams have a habit of spontaneously gathering at Pero's restaurant for lunch on Thursdays, so I invited Bob to join us and I would bring the book. He seemed to enjoy the camaraderie and the group seemed to accept him quite well also - and he got the loan of a late model study guide aimed at the NOCODE license and containing both Novice and Technician question pools. A few weeks later he showed up again, without an invitation so far as I know, but that is the way that group operates anyway, if anyone waited for an invitation, it probably would never come. Simply making conversation, I said "Are you ready to take that test?" Just a confidently he replied "Yes" Voices quieted, conversations stopped, heads turned. Someone said "Ray, are you ready to give a test?" I went to the car for supplies before answering "Yes".

I passed a 2 1/2" X 7" X 1/4" aluminum plate with four rubber feet and an attached hand key, pizzo buzzer and 9 v battery around for all to see. Everyone thought it was a neat device. Frank Wedge AB4UJ, sitting beside Bob, decided he would send the code test. I supplied copy. Bob was doing a better job copying than Frank was sending! I walked down to where the pair were sitting, looked over Bob's shoulder and said "You can stop now. He has the first 75 characters without error." The written test was a snap. I had a few Novice tests tucked under the passenger seat of my car printed from the program we use to supply VE teams, complete with answer sheets, grading overlays, and of course, the beloved FCC form 610. Thus KD4??? was born. IT EVEN TOOK A CONSPIRACY TO SET ONE UP! Leaving the 1988 version of the Dayton (OH) Hamvention, with not only Rich in the car but Bert Morgan, NB4M and Jean Giesler W4TYU as well, conniving plans had been laid.

You really need to know a little about Jean to appreciate this. He was a military CW operator in WWII, is original issue on W4TYU and legitimately has a framed certificate on the wall of his shack from the FCC congratulating W4TYU on becoming an Extra Class amateur operator. Remember when the FCC issued those? The difference with Jean and most other people who hold one of those "can't be come by now" certificates is he let his license expire long enough that he lost his operator's license entirely (meaning he had to take the tests all over again) but managed to regain his station license (call sign). He worked it up to a General class, lost incentive and let it rest there. I had promised him years ago that I wouldn't mention his serving as a VE again until after he regained his extra class license, at which time an offer would be made but not pursued. General class or not, I knew he remained a crack CW operator, as well as being an engineer by both education and career - he retired in December 1989.

With this as background, we stopped at Exit 44 Interstate 75 in Ohio (that's Miamisburg) at a Chinese buffet for lunch, filled the tank and pulled out for home. I eased the car up on the highway, set a cruise control at 72 mph and headed south. After several miles, conversation died down to the point we had been waiting for and I popped a 20 WPM code tape into the player built into the dashboard! Jean said "Does anyone have some paper?" Rich handed him some paper that "just happened to be handy." When the tape stopped, I opened the console and handed him WCARS/VEC's 10 question fill-in-the-blank code test. "Can you answer these?" "Certainly" He soon wanted to know who would grade it. Rich reached for it and allowed Jean didn't leave anything to mark wrong! I reached under the seat and pulled out an Advanced class written test. "What will you do with this?" "Probably fail it terribly." He spent fewer minutes than I expected with the test and handed it to Rich.

That is a 50 question examination, chock full of complex formulas that you must not only pull off the top of your head, but use to answer the questions you will be asked! I believe any VE will agree it is decidedly today's most difficult Amateur Radio test. Totally without preparation or even notice aforehand, Jean missed the magic number by two questions. I am of the opinion that, when the comparative difficulty of the advanced and extra class tests are considered, had he passed the advanced class totally without preparation as we threw it at him, he would have passed the extra class exam with a greater margin than he would have had on the advanced. In other words, I fully believe him to have missed an extra class ticket by two questions! In view of the above scenario, coupled with the fact that Jean is still General class and he knows I will keep my promise not to mention his serving as a VE until he regains his extra class license, is it just possible that he INTENTIONALLY FAILED??????

WHICH BRINGS ME TO THE POINT I ORIGINALLY STARTED OUT TO MAKE.

I've done a little of everything in the local club, Hamfest Chairman, Vice President, President and later even Education Chairman, in which capacity I taught a rather sizeable class. Or rather I talked other people into lecturing on a rotating basis in such a way that we licensed some 62 or so. One of those fellows was struggling to get past the 13 WPM hurdle when we ended up running some 75 miles or so together but in different vehicles on the way to a version of the Shelby hamfest.

I encouraged him to get on the air as a way of building his code speed. He brought his son by my house one Saturday morning soon after we returned, and the conversation got back to the subject. Only because of extended conversations occasioned by abnormal contact did I find out he didn't get on 80 meters every night because he didn't know how to put up a dipole! We went to his home that afternoon, looked around surveying the requirements, found that our combined junk boxes came up an item or two short, and decided to do it next week, BUT I WILL GET THAT MAN ON 80 METERS. Someone helped me when I started or I would never have known how either. The way that help is repaid in Amateur Radio is to help those coming behind you.

I finally make my point WHAT HAVE YOU DONE LATELY?

How many of the later licensed hams would dearly love to know much of what you have by now accepted as common knowledge? Surely you had an elmer of some degree, otherwise you wouldn't be reading this. Have you considered paying your debt to the fraternity by helping those that are coming behind you? That is the way it is supposed to work, and I for one don't believe it is anywhere close to being dead yet. Thanks to NOCODE the woods are full of newly licensed hams (WCARS/VEC examined 57 more applicants in the first eight months of 1991 than in the entire year of 1990) anxious to learn from YOU. Mention the subject casually - watch them jump at the chance. Instead of fussing about how they operate, spend a little time helping them out -and just maybe you will influence their operating habits, too. Most certainly you will have your chance to do just that! It really remains up to us that have been here a while to lead the way. If we don't and they pattern their operations after those we consider the "not so desirables", do we have anyone to blame but ourselves? I think not, and besides there is a certain degree of satisfaction that comes only from helping others.

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	DAY	MONTH	YEAR				

Fred Redmon
3109 Goodall Dr.
Greensboro, N.C.
Zip 27407
☐PSE QSL ☐TNX

*Best Regards*________

Hams, families and friends gather and partake of ham, eggs, grits and red-eye gravy and every other imaginable goodie to guarantee you leaving with a full stomach at the annual Ham-Breakfast of the Roaring Gap (NC) 22-82 group. Everyone brought food and ate.....

After piles of food is consumed on a nice morning near the Parkway, what is more natural to sit around and talk and grunt with a full stomach. The 22-82 bunch takes a rest after enjoying all the ingredients of a full-fledged old-timey country breakfast. Whew!!!!

Roaring Gap Hams Eat .... er! Ham!

- by Holbert, KE4S

The 22-82 repeater at Roaring Gap, N.C. is home of some Rip-Roaring Hams that really are involved in anything that will draw hams together. Such is the annual Ham-breakfast held each year at the Bob Doughton Park on the Blue Ridge Parkway.

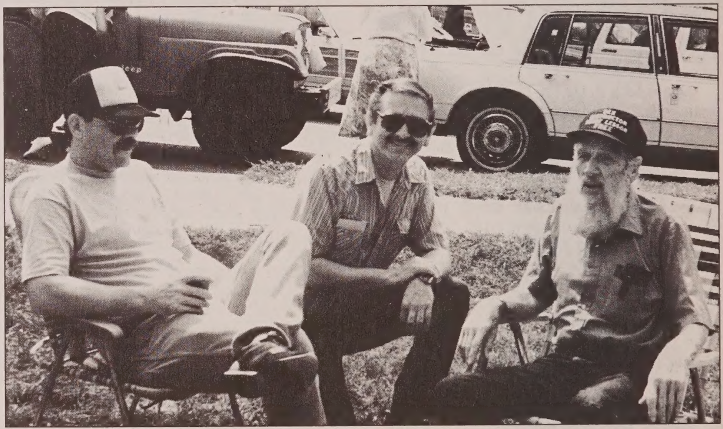
The event was held in late August this year as sixty-five hungry hams gathered to eat . . . (you guessed it!) HAM . . . plus eggs, grits, and red-eye gravy. The feast was sponsored by Randy Lovelace, N4OWU and his wife Kathy.

The group met on the repeater the night before and decided who would bring the various things needed. Almost everyone brought something to eat. The event looked like an old fashioned wheat thrasing or corn shucking where neighbors use to gather and help neighbors.

There was food all over the place. If anyone left hungry, it was their own fault.

Many of the same people participate in two other major events during the year. The Big-Foot-Hunt in mid-April near Mortimer, N.C. sponsored by Dave Harris, WA4NDF.

In June, the .02 Picknick at Statesville, sponsored by Vester Boone, WA4UPH. Each year, the events seem to grow bigger and bigger as more hams and their families are getting the word and coming.



Speaking of a Bunch! Resting after a meal of ham, eggs, grits and red-eye gravy, Randy, N4OWU, Gene, KC4FM and Barney, W4BNU chat in the shade. They were among the throngs who attended the Roaring Gap 22-82 Ham-Breakfast. Members and users of the WB4PZA repeater enjoy the friendly fellowship of their buddies each year at the outing held just off the Blue Ridge Parkway. Hams, friends, families including kids enjoyed!

W4BFB Opens Amateur Radio Education Center

The Charlotte, N.C. Mecklenburg ARS announced this month, the opening of the New *Amateur Radio Education Center* at Discovery Place - Charlotte's Science Museum. Opening with the new Amateur Radio Center was OMNIMAX Theatre and America's largest Spitz Space Voyager Planetarium. Discovery Place is a major show-place building in downtown Charlotte, N.C.

The Charlotte Club, W4BFB in their news release indicated how proud they were of the recognition that Ham radio is finally receiving in a major city. The center will sport a very large Amateur radio station, under the club call of W4BFB.

Ralph Eubanks, KK4FC, President of the Mecklenburg ARS said that the station will be operated by licensed Ham volunteers, and anyone wishing to provide talent and operating time on an ongoing basis should contact the club. Persons in the area, interested in taking part in this facinating should call Ms. Valerie Eqzibher (704) 372-2627 at Discovery Place.

Persons wishing to contribute or "give back" to Ham radio some of the pleasure you have experienced should contact the Charlotte Club for details.

The Discovery Place Ham station will increase the knowledge and awareness of radio, electronics, communication, and world geography of those who visit the Ham radio station. This will be a wonderful way, said the release, to attract new people, especially young people, to ham radio.

HAVE BEAM WILL TRAVEL!

2-METER 5-ELEMENT BEAM

Two Meter 5-Element Beam. Has 6.6 db Gain, with 11 db Ft. to Back Ratio. Package to Operation in Just 5 Minutes
Great for Field Day, or Mountain Topping.
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Our Associate Store - Visit Danville Micro, 2018 Riverside Drive in Danville, Va. Our Brother Mike will give you the same great ALINCO deal, or maybe a great deal on a **PC compatible Computer System**. Call him at (804) 792-0450.

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DR-590T	$569.00
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DJ-560T	$359.00
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Model DR-590T

Detachable Control Panel Offers Security and Convenience

This twin band mobile transceiver is the ultimate in flexibility. It can receive VHF and UHF simultaneously in addition to full duplex crossband operation; with the addition of the optional DTMF Decoder, the DR-590T can be remotely operated through another transceiver. Also, with its detachable front panel you have the option to mount the power module and control panel separately for added security.

The DR-590T by ALINCO is a sophisticated, high powered, FM dual band transceiver with 40 memory channels that can be selectively used to memory, shift frequencies, shift directions, and channel steps. Three transmit power settings and automatic repeater functions make this model one of our most popular products.

Our Dual Banders!

DR-590T	$569.00
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Model DJ-560T

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A complete dual band that you can put into your pocket or knapsack, our DJ-560T is an ideal traveling companion on your next hiking or fishing trip.

The unit has independent VHF and UHF with separate controls for volume and squelch, full duplex operations, built-in DSQ for paging, CTCSS for squelch control, various scanning functions, 40 memory channels, ABX function which allows transmission on VHF or UHF band automatically on an incoming signal, and numerous other features that you wouldn't expect to find on a handheld transceiver so compact and portable.

See Williams Radio about the DJ-560T and other Alincos!

Our Alinco Dual Banders' prices!

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This by-frequency index contains repeaters in the States of Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee, Virginia and West Virginia.

PLEASE NOTE: The letters column between the frequency and the city indicates suffixes of the repeater callsign.

This index is correct as of October 21, 1991.

SERA Suggested FM Simplex

146.40* 146.415* 146.43* 146.445* 146.46* 146.475* 146.49* 146.505* 146.52146.5351 46.55 146.575 146.580 146.595 147.510 147.525 147.540 147.555 147.570 147.585

223.50 or up and down 20 khz channels

446.00 or up or down 25 khz channels

* Permitted unless causes interference to nearby repeater input.

SERA Suggested Digital Simplex

145.01 145.03 145.05 145.07 145.09
145.61 145.63 145.65 145.67 145.69
223.40 223.42 223.58 223.66 223.70
223.72 223.74 223.76 223.78

NOTE: Digital operators are reminded to check with local Digital Societies for which digital channels are available for various digital usage, in their particular area. Some channels are for exclusive use of LAN or BBS, etc. usage.

2 METERS

4.51 /5.11	TUN	AUGUSTA	GA
	UOX	DOUGLASVILLE	GA
	HYE	MENDENHALL	MS
	TOH	COLUMBIA	NC
	RXG	SAURATOWN MT	NC
	JMT	CONWAY	SC
	Y	COOKEVILLE	TN
	SBX	GRAY	TN
	BOX	JACKSON	TN
	IJL	KNOXVILLE	TN
	ARK	NASHVLE/FAIRVIEW	TN
	YPE	RICHMOND	VA
	MCR	SALT ROCK	WV
4.53 /5.13	JF	ADEL	GA
	SEX	NEWNAN	GA
	YNF	AHOSKIE	NC
	CS	GREENWOOD/HODGES	SC
	KIV	SUMTER	SC
	CMY	CHATTANOOGA	TN
	OAK	LAFOLLETTE	TN
	VL	GALAX/LKOUT MT	VA
	FHE	BUCKHANNON	WV
4.55 /5.15	MM	ALBANY	GA
	AQL	ATLANTA	GA
	LI	MILLEDGEVILLE	GA
	IWZ	PIKEVILLE	KY
	LFP	PICAYUNE	MS
	JTX	CHERRYVILLE	NC
	CVM	RANDLEMAN/GBO	NC
	OXE	INMAN	SC
	LWY	SUMMERTON	SC
	RJC	DECATUR-PONE KB	TN
	JXI	MEMPHIS	TN
	MJF	ALEXANDRIA	VA
	ARO	PETERSBURG	VA
	FSE	MARTINSBURG	WV
4.85 /5.15	HQ	SALUDA	VA
4.57 /5.17	JBF	COOLIDGE	GA
	DIW	JONESBORO	GA
	PRH	HALLS GAP	KY
	ZQB	NEWTON/ANDSN MT	NC
	RVS	OXFORD	NC
	TUN	AIKEN	SC
	GBI	KNOXVILLE	TN
	BRN	MEMPHIS	TN
	LHO	MURFREESBORO	TN
	YVM	FAIRFAX	VA
	ZUA	NORFOLK	VA
	FRV	BECKLEY/BOLT	WV
4.59 /5.19	ULJ	PINE MT/HAMILTON	GA
	TEF	BOONEVILLE	MS
	WGA	JACKSONVILLE	NC
	BVW	MT MITCHELL	NC
	OTT	CARTHAGE	TN
	XX	JASPER	TN
	FAX	RICHMOND	VA
	YJJ	RICHWOOD	WV
	JGY	WHEELING	WV
4.61 /5.21	KEC	EASTMAN	GA
	PSZ	FAYETTEVILLE	GA
	U	DEANE	KY
	BOP	ERLANGER	KY
	VOF	COLUMBUS	MS
	WRE	POPLARVILLE	MS
	TQD	TRENTON	NC
	NEP	GASTON	SC
	BBB	KNOXVILLE	TN
	ARK	NASHVILLE	TN
	MS	KILMARNOCK	VA
	QOJ	ROANOKE/POOR MT.	VA
	FEQ	HUNTINGTON	WV
4.63 /5.23	JEH	CONYERS	GA
	UJ	DALTON	GA
	COL	WAYNESBORO	GA
	PRH	LOUISVILLE	KY
	PRH	OXFORD	KY
	VBH	BEULAVILLE	NC
	BFB	CHARLOTTE	NC
	RA	LAVERNE	TN
	KIE	MAYNARDVILLE	TN
	DBB	BEDFD/APL ORCH	VA
	MT	NEWPORT NEWS	VA
4.65 /5.25	BLQ	CLAYTON	GA
	YYD	ELLIJAY-BUCK MTN	GA
	GGD	GREENSBORO	NC
	URP	CHARLESTON	SC
	BRV	ERWIN	TN
	DRL	FISHERVILLE	TN
	KRM	SHELBYVILLE	TN
	CZJ	BEAVERDAM	VA
4.67 /5.27	PN	WALESKA/PNLGMT	GA
	NBG	HORNLAKE	MS
	DZJ	WIGGINS	MS
	KNI	HENDSVL/BERWLW M.	NC
	AR	MIDWAY	NC
	BQF	RALEIGH	NC
	O	FRUITLAND	TN
	WZK	HENDERSONVILLE	TN
	CJX	SEV/SHIELDS MT	TN
	SKE	MARION	VA
	J	STAFFORD	VA
	OG	CRAIGSVILLE	WV
4.69 /5.29	DRQ	ATLANTA	GA
	AGA	FRANKFORT	KY
	PL	LAWRENCEBURG	KY
	ICN	PAINTSVILLE	KY
	L	VICKSBURG	MS
	BFB	CHARLOTTE	NC
	GGD	GREENSBORO	NC
	VCM	CHATTANOOGA	TN
	SQC	JOHNSON CITY	TN
	UVH	NASHVILLE	TN
	NDH	CHESAPEAKE	VA
	ZXP	GLENVILLE	WV
4.71 /5.31	CEK	COLUMBUS	GA
	JDR	STOCKBRIDGE	GA
	GOJ	CHATAWAH	MS
	WPM	BAKERSVILLE	NC
	ICX	LEXINGTON	NC
	GY	CHELSEA	SC
	PF	ROCK HILL	SC
	PNI	ATHENS	TN
	SC	JACKSON	TN
	ECD	LAFAYETTE	TN
	FSC	ALEXANDRIA	VA
	G	BECKLEY/LAYLAND	WV
4.73 /5.33	OGE	JONESBORO	GA
	YUU	LEXINGTON	KY
	CYR	GULFPORT	MS
	J	MT. AIRY	NC
	DFP	BAMBERG	SC
	DBJ	CUMBERLAND CITY	TN
	TEM	KNOXVILLE	TN
	DRL	MEM/FISHERVILLE	TN
	QQI	FARMVILLE	VA
	QC	PARSONS	WV
	M	WILLIAMSON	WV
4.75 /5.35	DOC	ATLANTA	GA
	FGQ	ROSSVILLE	GA
	RBL	LA GRANGE	KY
	WMH	OLIVE BRANCH	MS
	AOS	CHARLOTTE	NC
	GVK	GREENVILLE	NC
	Y	HUMBOLDT	TN
	AZJ	BLAND	VA
	AQD	FALLS CHURCH	VA
4.77 /5.37	UA	AUGUSTA	GA
	IZF	JASPER	GA
	NNX	HATTIESBURG	MS
	PYQ	SOUTHAVEN	MS
	AGN	N. WILKESBORO	NC
	MII	OXFORD	NC
	PPD	SHALLOTTE	NC
	GRC	KNOXVILLE	TN
	OG	NASHVILLE	TN
	UKJ	FOREST	VA
	TOG	GLOUCESTER	VA
	VS	BECKLEY/EOC	WV
4.79 /5.39	HYB	GRIFFIN	GA
	NJ	MONROE/UCARS	NC
	AM	CHATTANOOGA	TN
	GZX	EASTVIEW	TN
	EPC	GREENEVILLE	TN
	DOR	LEBANON	TN
	ARO	ROANOKE/POOR MTN	VA
	EOM	WESTON	WV
4.81 /5.41	PME	ATLANTA/BELL	GA
	PXX	BRNSWK/JEKYLL IS	GA
	NON	COVINGTON	KY
	BKD	GLASGOW	KY
	IF	N.BILOXI/D'IBERV	MS
	XO	HIGH POINT	NC
	KNU	WILLIAMSTON	NC
	VIH	DOVER	TN
	NKM	GREENEVILLE	TN
	VIP	MEMPHIS	TN
	ZMS	BEDFD-APL ORCH	VA
	QIJ	WILLIAMSBURG	VA
	FHE	BUCKHANNON	WV
	HYX	LIBERTY	WV
4.83 /5.43	OLL	MACON	GA
	LCI	MARIETTA	GA
	ITL	SPARTA/GREEN MT	NC
	LB	COLUMBIA	SC
	YTU	BROWNSVILLE	TN
	UCE	COOKEVILLE	TN
	IUA	KNOXVILLE	TN
	SQT	RICHMOND	VA
	L	CHARLESTON	WV
	LG	MORGANTOWN	WV
4.85 /5.45	BOC	DECATUR	GA
	TX	LEXINGTON	KY
	PLY	CROWDERS MT/GAST.	NC
	WTX	DURHAM	NC
	GRW	NEWPORT	NC
	DV	N. AUGUSTA	SC
	SIR	BENTON	TN
	KOG	COVINGTON	TN
	KO	HOHENWALD	TN
	LP	MORRISTOWN	TN
	E	SPRING HILL	TN
	LGY	GRANTSVILLE	WV
	SXZ	WELCH	WV
4.87 /5.47	UV	HINESVILLE	GA
	CLA	SWEAT MT/MARIETT	GA
	WMM	MAYSVILLE	KY
	OIX	KINSTON	NC
	NC	SAURATOWN MT	NC
	RG	GAFFNEY	SC
	DDK	MYRTLE BEACH	SC
	GBI	KNOXVILLE	TN
	OMO	MOUNTAIN CITY	TN
	ARK	NASHVILLE	TN
	EFJ	ARLINGTON	VA
	FG	KINGSTON/LICK KB	WV
4.89 /5.49	COL	AUGUSTA	GA
	RWS	CORDELE	GA
	QPL	MARIETTA	GA
	PXK	CLARKSON	KY
	KVK	HENDERSON	KY
	CWF	NICHOLASVILLE	KY
	ZCZ	FRANKLIN	NC
	IKY	GIBSONVILLE	NC
	BWC	RALEIGH	NC
	ABW	RKY RDG/WALLACE	SC
	KKO	MCMINVL/SHT MT	TN
	KOG	MEMPHIS	TN
	MOP	BLUEFIELD	VA
	OHX	NEWPORT NEWS	VA
	MOP	BLUEFIELD	WV
	F	PARKERSBURG	WV
	G	PARKERSBURG	WV
6.265/5.865	KP	TRENTON	TN
6.01 /6.61	CVY	COLUMBUS	GA
	JEH	CONYERS	GA
	BDP	WARNER ROBINS	GA
	KWV	CORBIN	KY
	KKG	LAUREL	MS
	SNI	GREENSBORO	NC
	JMS	NEW BERN	NC
	NYK	GRNVLE/CSRS HD	SC
	CMY	CHATTANOOGA	TN
	PCD	NASHVILLE	TN
	LSP	ABINGDN/BRMLY MT	VA
	GSP	CHESAPEAKE	VA
	WWQ	LYNCHBURG	VA
	MZI	GASSAWAY	WV
6.025/6.625	UPE	ATL/UNION CITY	GA
	JWP	VIDALIA	GA
	WO	PORT GIBSON	MS
	RR	LAURINBURG	NC
	FJX	CHESTER	SC
	GBI	KNOXVILLE	TN
	ZQX	MARTIN	TN
	AVW	NEW MARKET	VA
	G	FLAT TOP/WINTRPL	WV
6.035/6.635	YCU	BETSY LAYNE	KY
6.04 /6.64	QGR	ATLANTA	GA
	LWT	AUGUSTA	GA
	FWD	CARROLLTON	GA
	GBG	WAYCROSS	GA
	UXJ	CAMPBELLSVILLE	KY
	ITL	JACKSON	MS
	NAY	MOOREVILLE	MS
	YAO	HENDERSONVILLE	NC
	DW	RALEIGH	NC
	NC	WINSTON-SALEM	NC
	KIV	SUMTER	SC
	QYI	CRAB ORCHARD	TN
	NNE	MEMPHIS	TN
	NTM	NASHVILLE W	TN
	WIC	FINCASTLE	VA
	IH	MARION	VA
	QEY	RICHMOND	VA
	EZR	HUNTINGTON/CHAS	WV
6.055/6.655	NFP	ATLANTA/MARIETTA	GA
	MNI	BOWLING GREEN	KY
	CEB	CONCORD/KANNAP.	NC
	VTX	ELIZABETH CITY	NC
	VIR	BROWNSVILLE	TN
	F	CHATT/SIGNAL MT	TN
	PDP	ALEXANDRIA	VA
	ISI	ALTAVISTA	VA
	BUC	UPPER TRACT	WV
6.06 /6.66	BKM	MACON	GA
6.07 /6.67	NSO	GAINESVILLE	GA
	EQL	JESUP	GA
	VHF	HAZARD	KY
	KBL	PRINCETON	KY
	CAX	BLUE MT	MS
	YGD	BURLINGTON	NC
	BKU	CHERRY MT	NC
	SJ	HALIFAX	NC
	RPC	YAUPON BEACH	NC
	U	ST. MATTHEWS	SC
	DKI	BRISTOL	TN
	BGW	LAFOLLETTE/WMT	TN
	NTM	NASHVILLE W	TN
	HZS	BARREN SPRINGS	VA
	ZR	LEXINGTON	VA
	NTG	WILLIAMSBURG	VA
	JNU	RAVENSWOOD	WV
6.085/6.685	IWL	ADAIRSVILLE	GA

	UWN	FAYETTEVILLE	GA
	KQ	LEWISPORT	KY
	KHB	NATCHEZ	MS
	NBR	GRIFTON	NC
	QP	STATESVILLE	NC
	CO	NEWBERRY	SC
	PIO	LENOIR CITY	TN
	HTA	VIENNA	VA
	FMD	CLARKSBURG	WV
6.10 /6.70	MM	ALBANY	GA
	OOM	JASPER	GA
	DOJ	MILLEDGEVILLE	GA
	TO	SAVANNAH	GA
	JO	GRAYSON	KY
	BDC	LOUISVILLE	KY
	YGM	UNION CITY (TN)	KY
	GY	BAY ST. LOUIS	MS
	LVA	GRENADA	MS
	DEJ	MERIDIAN	MS
	CID	DUNN	NC
	PAX	LANCASTER	SC
	KUD	ANDERSON COUNTY	TN
	UOT	MANCHESTER	TN
	UFT	MEMPHIS	TN
	YGM	UNION CITY	TN
	WQS	DANVILLE/WHT OAK	VA
	D	NORFOLK	VA
	LQC	PENNINGTON GAP	VA
	XD	STAUNTON	VA
	JNU	RAVENSWOOD	WV
6.115/6.715	NVG	LAVONIA	GA
	ABZ	RINGGOLD	GA
	B	BEREA	KY
	TQY	GREENWOOD	MS
	GGN	MILLERS CREEK	NC
	KDC	SPRING LAKE	NC
	NEP	COLUMBIA	SC
	JUB	SALTILLO	TN
	I	BLACKSBURG	VA
	TXE	STERLING	VA
	GL	SHERRARD	WV
6.13 /6.73	MM	ALBANY	GA
	NC	ATLANTA/SWEAT MT	GA
	TVE	BRUNSWICK	GA
	STY	DAWSON SPRINGS	KY
	SWF	LOUISA	KY
	ZXK	VERSAILLES	KY
	IF	BILOXI	MS
	VZF	STARKVILLE	MS
	BWC	RALEIGH	NC
	EXU	SALISBURY	NC
	VNK	WILMINGTON	NC
	FKJ	N. AUGUSTA	SC
	BJY	SIMPSONVILLE	SC
	IOB	KNXVL/ENG MT	TN
	DAZ	MEMPHIS	TN
	WA	WATERTOWN	TN
	DHO	HAMPTON	VA
	AVZ	LEWISBURG	WV
6.145/6.745	BKF	ATHENS	GA
	N	DILLON/PEE DEE	SC
	UP	COALFIELD	TN
	RCK	DYERSBURG	TN
	DY	ROANOKE/POOR MT	VA
	U	PARKERSBURG	WV
6.16 /6.76	BOC	STONE MT	GA
	ELN	VALDOSTA	GA
	NSY	FERN CREEK	KY
	KJQ	LEXINGTON	KY
	CUW	PADUCAH	KY
	AXQ	JACKSON	MS
	BVW	ASHVL/MT PISGAH	NC
	GGD	GREENSBORO	NC
	S	SWANSBORO	NC
	THL	WILSON	NC
	ILT	CHARLESTON	SC
	LSP	BRISTOL/HLSTN MT	TN
	PQP	NASHVILLE	TN
	TFZ	CHARLOTTESVILLE	VA
	ZIN	WILLIAMSBURG	VA
	VA	HUNTINGTON	WV
	CUL	MORGANTOWN	WV
	ZQ	WHEELING	WV
6.175/6.775	NFP	MARIETTA	GA
	OCB	WRENS	GA
	PPM	MIDDLESBORO	KY
	JYH	LONG BEACH	NC
	JVO	PULASKI/MUSIC MT	TN
	MUQ	WYTHEVILLE	VA
	BWZ	ELKINS	WV
6.19 /6.79	DMK	FOLKSTON	GA
	KOW	MOULTRIE	GA
	SEX	NEWNAN	GA
	VYX	SWAINSBORO	GA
	U	PAINTSVILLE	KY
	TYP	BILOXI	MS
	S	WEST POINT	MS
	LZD	CLINTON	NC
	QDK	SAURATOWN MT	NC
	FVV	ANDERSON/SAS MT	SC
	ILT	CHARLESTON	SC
	AM	CHATTANOOGA	TN
	ABR	JOHNSON CITY	TN
	SQE	NASHVILLE	TN
	SD	CHESAPEAKE	VA
	LBL	FAIRFAX	VA
	OQC	OAK HILL	WV
6.205/6.805	LT	MILLEDGEVILLE	GA
	NNE	GUTHRIE	KY
	EWG	FAYETTEVILLE	NC
	IZF	GASTONIA	NC
	FYC	ORANGEBURG	SC
	NNE	GUTHRIE (TN/KY)	TN
	HTI	COVINGTON	VA
7.405/6.805	AQS	CALHOUN/JASPER	GA
	HCY	MAGGIE VALLEY	NC
6.22 /6.82	MM	ALBANY	GA
	DOC	ATLANTA	GA
	HAO	LYONS	GA
	MBA	GREENVILLE	MS
	MZ	MAGEE	MS
	PZA	ROARING GAP	NC
	GMP	WILMINGTON	NC
	NYK	GRNVLE/PARIS MT	SC
	E	GREENBRIER	TN
	OAH	LAKE CITY	TN
	BS	MEMPHIS	TN
	SFF	WINCHESTER	TN
	WWB	GATE CITY	VA
	RKC	WINCHESTER	VA
	IFS	CHARLESTON	WV
6.235/6.835	OCB	THOMPSON	GA
	QCO	ASHEVILLE	NC
	UOR	NAGS HEAD/BODIE	NC
	USH	WADESBORO	NC
	IDG	WATERTOWN	TN
	DCX	GRUNDY/BIG A MT	VA
	UTN	RUSTBURG/LONG MT	VA
7.435/6.835	KHQ	DAHLONEGA	GA
	NNR	HIGH POINT	NC
6.25 /6.85	DVJ	DALLAS	GA
	R	LAGRANGE	GA
	QWI	WARNER ROBINS	GA
	CLL	BOWLING GREEN	KY
	IV	PIKEVILLE	KY
	VNO	BAY ST. LOUIS	MS
	JMD	BUDE	MS
	BWW	CLEVELAND	MS
	MFK	IUKA	MS
	LWC	KOSCIUSKO	MS
	CYP	GOLDSBORO	NC
	MDW	HICKORY/BRT. MT	NC
	YFT	REIDSVILLE	NC
	ULH	FLORENCE	SC
	KJH	GTLBG/COVE MTN	TN
	KOG	MEMPHIS	TN
	PCD	NASHVILLE	TN
	POX	PORTSMOUTH	VA
	ZBP	STAUNTON	VA
	BO	BECKLEY/FLAT TOP	WV
	L	BUCKHANNON	WV
6.265/6.865	DKY	MADISON	GA
	YF	BIG KNOB/GREY CT	SC
	G	FAYETTEVILLE	TN
7.465/6.865	DWU	ELLISVILLE	MS
	ZRS	WAXHAW	NC
	E	MOUNTAIN LAKE	VA
6.28 /6.88	TOM	COLUMBUS	GA
	TDL	EVANS	GA
	IUD	MARIETTA	GA
	FGH	QUITMAN	GA
	HBB	SAVANNAH	GA
	OAU	LOUISVILLE	KY
	U	MAYTOWN	KY
	AI	SOMERSET	KY
	II	JACKSON	MS
	AAY	PASCAGOULA	MS
	TQD	RALEIGH	NC
	NYR	SHELBY	NC
	WIF	ORANGEBURG	SC
	CYZ	BRISTOL	TN
	ETE	MEMPHIS	TN
	TOA	NASHVILLE	TN
	SKH	OAK RIDGE	TN
	CYZ	BRISTOL	VA
	ZBE	RICHMOND	VA
	PDL	SALEM	VA
	CQV	SO. CHARLESTON	WV
6.295/6.895	RBS	HARTWELL	GA
	SM	MACON	GA
	JBV	INDEPENDENCE	KY
	YFF	MADISON	NC
	KXV	VIRGINIA BEACH	VA
6.30 /6.90	WVH	IRVINGTON	KY
	SP	FAIRMONT	WV
6.31 /6.91	HIG	CLEVELAND/LONG	GA
	HYB	GRIFFIN	GA
	GFY	MOREHEAD	KY
	VV	HERNANDO	MS
	OCM	NATCHEZ	MS
	ZGQ	AHOSKIE	NC
	MOE	ASHVL/SPIVEY MT	NC
	YZF	FAYVLLE/CFARS	NC
	IZM	LEXINGTON	NC
	BWZ	WHITE HALL	SC
	GZX	CLEVELAND	TN
	DQU	SAVANNAH	TN
	YXA	SHORT MTN	TN
	AXH	CHASE CITY	VA
	TUE	MT.LAKE/BALD KNB	VA
	HLF	TYSONS CORNER	VA
	FQN	MCMECHEN	WV
6.325/6.925	ASI	COVINGTON	GA
	PJR	JESUP	GA
	BEJ	RADCLIFF	KY
	VOJ	CORINTH	MS
	OBW	SULPHUR SPRINGS	TN
	TFZ	CHARLOTTESVILLE	VA
	QT	DANVILLE(DCC)	VA
	OGY	PRINCETON/PIPEST	WV
6.34 /6.94	N	AUGUSTA	GA
	VO	ROME/MT. ALTO	GA
	RVB	WRIGHTSVILLE	GA
	SN	ASHLAND	KY
	WZH	GLASGOW	KY
	AUZ	LEXINGTON	KY
	NTB	MURRAY	KY
	AI	SOMERSET	KY
	SBK	JACKSON	MS
	JMD	MCCOMB	MS
	DLH	BURGAW	NC
	BFB	CHARLOTTE	NC
	BFT	DURHAM	NC
	ACY	MANTEO/WANCHESE	NC
	XRY	MT AIRY	NC
	IQQ	GREENVILLE	SC
	GBI	KNOXVILLE	TN
	BSM	MEMPHIS	TN
	PCD	NASHVILLE	TN
	AKZ	ABINGDON	VA
	UMI	HAMPTON	VA
	ZA	RICHMOND	VA
	AP	ROANOKE	VA
	VKB	SUMMERSVILLE	WV
	JN	WEIRTON	WV
7.54 /6.94	CSW	NEW MARTINSVLLE	WV
6.355/6.955	KIN	PERRY	GA
	PRE	ROCKY TOP MT	GA
	OCP	RABBIT HASH	KY
	NS	RINEYVILLE	KY
	OB	ISOLA	MS
	ULA	ROCKINGHAM	NC
	E	ONEIDA PEAK/BLF	VA
6.37 /6.97	YNZ	ATLANTA	GA
	HBB	SAVANNAH	GA
	DPP	HENDERSON	KY
	TUK	STANTON	KY
	MJM	MERIDIAN	MS
	KYB	PASCAGOULA	MS
	DHS	WINONA	MS
	XRY	MT AIRY	NC
	JQ	SMITHFIELD	NC
	SZ	ANDERSON	SC
	ISM	FLORENCE	SC
	TRC	KNGSPT/BAYS MT	TN
	MWQ	MCMINNVILLE	TN
	BEZ	MEDINA	TN
	SKH	OAK RIDGE	TN
	FPM	MANASSAS	VA
	WRN	MIDDLEBROOK	VA
	KXV	VIRGINIA BEACH	VA
	E	LOGAN/WARD RK MT	WV
	CRW	PARKERSBURG	WV
6.38 /6.98	BEJ	ELIZABETHTOWN	KY
6.385/6.985	I	AUGUSTA	GA
	HHH	ELLIJAY/TALONA M	GA
	TOV	PRESTON	GA
	UUB	ST. MARYS	GA
	UER	WARM SPRINGS	GA
	DMT	SENATOBIA	MS
	OGB	ALBEMARLE	NC
	PVE	MARION	NC
	IY	FRANKLIN	TN
	CA	ROANOKE/POOR MT	VA
	EIV	CHARLES TOWN	WV
6.40 /7.00	NNO	ATLANTA	GA
	UFH	CORINTH	MS
	QFX	WATER VALLEY	MS
	FVO	JACKSONVILLE	NC
	AZA	THOMASVILLE	NC
	YLT	MARION	SC
	YXZ	PICKENS	SC
	AZQ	KNOXVILLE	TN
	ZJM	MEMPHIS	TN
	HMT	SUFFOLK/GASBURG	VA
	GDY	ST ALBANS	WV
7.60 /7.00	WAU	ELKHORN CITY	KY
	LR	SHELBYVILLE	KY
	VOF	COLUMBUS	MS
	PPL	N. CHARLESTON	SC
	KMG	BLOUNTVILLE	TN
	SGA	CLARKSVILLE	TN
	QS	COLLEGEDALE	TN
	ZR	TERRA ALTA	WV
6.415/7.015	GIS	CARTERSVILLE	GA
	XRY	YADKINVILLE	NC
	M	LYNCHBURG	VA
	AXO	NORTON/HIGH KNOB	VA
7.615/7.015	DT	BONAIRE	GA
	FOW	CLEVELAND/LONG	GA
	UM	MIDWAY	GA
	FDK	LEXINGTON	KY
	JHK	MONTICELLO	MS
	KPF	LK NORMN/CLT	NC
	YP	SELMA	NC
	UMU	SUMTER	SC
	JVV	LEBANON	TN
	KS	ROCKWOOD	TN
	YGM	UNION CITY	TN
	LNT	FREDRICKSBURG	VA
6.43 /7.03	D	LAUREL	MS
	YTZ	ROCK HILL	SC
	MVR	LEXINGTON	TN
	JST	RICHMOND	VA
7.63 /7.03	REI	ATLANTA/AIRPORT	GA
	ZVL	HOPKINSVILLE	KY
	PJZ	LOUISVILLE	KY
	A	OWENSBORO	KY
	LDD	OCEAN SPRINGS	MS
	GG	GREENSBORO	NC
	DTS	ROANOKE RAPIDS	NC
	FOF	BARNWELL	SC
	HOG	N. MYRTLE BEACH	SC
	YGI	COLLIERVILLE	TN
	NIQ	FAYETTEVILLE	TN
	LP	MORRISTOWN	TN
	BLD	WAYNESBORO	VA
	IT	MULLINS/HRNDN MT	WV
	ECC	ST MARYS/BENS R	WV
6.445/7.045	AIH	ANDREWS/ROBBINSV	NC
	FLR	FAYETTEVILLE	NC
7.645/7.045	TYM	METTER	GA
	NFA	WATKINSVILLE	GA
	VF	GRETHEL	KY
	QP	STATSVL/ASBRY MT	NC
	HKZ	COOKEVILLE	TN
	AYN	NASHVILLE	TN
	RAG	STAUNTON/EL. KB	VA
	SBC	VIRGINIA BEACH	VA
6.46 /7.06	CQ	CHARLOTTE	NC
	LBM	ALTON	VA
	PNC	PRINCETON	WV
7.66 /7.06	DDI	MACON	GA
	CLA	ROSWELL	GA
	UCJ	THOMASVILLE	GA
	WQ	PADUCAH	KY
	LED	MACO	NC
	VFR	SUMTER/SHAW	SC
	UG	GRNVLE/VIKING MT	TN
	MQQ	MEMPHIS	TN
	QEB	SHELBYVILLE	TN
	ECM	ENON	VA
	KNM	POINT PLEASANT	WV
7.67 /7.07	NMC	LOUISVILLE	KY
6.475/7.075	GBS	MORGANTON	GA
	WRP	GIBSONVILLE	NC
7.675/7.075	JXR	LAWRENCEVILLE	GA
	TLP	OWINGSVILLE	KY
	Y	JACKSON	MS
	HBQ	BURLINGTON	NC
	L	NEWTON	NC
	E	GREENBRIER	TN
	GBI	KNOXVILLE	TN
	O	MCNAIRY	TN
	PNT	WAYNESBORO	VA
	QC	MORGANTOWN	WV
7.69 /7.09	CVE	ST SIMONS ISL	GA
	ZAC	HARLAN	KY
	YK	PHELPS	KY
	DSN	AMORY	MS
	MRS	NEW HEBRON	MS
	GDF	GREENVL/ESTN NC	NC
	RP	ORANGEBURG	SC
	JLA	SPARTANBURG	SC
	ATI	GERMANTOWN	TN
	NLP	JAMESTOWN	TN
	VL	GALAX/BRIRP MT	VA
	TZE	OILVILLE	VA
7.705/7.105	YSB	ATLANTA	GA
	D	STATESBORO	GA
	FGA	MARION	KY
	HXG	WAYNESBORO	MS
	JCK	MONROE	NC
	GHH	MOUNTAIN HOME	NC
	TC	HENDERSON	TN
	JBJ	BEDFORD	VA
	SR	CHESAPEAKE	VA
	JTH	MT STORM	WV
	Z	SPENCER	WV
6.09 /7.11	ZLR	LOGAN	WV
7.72 /7.12	MM	ALBANY	GA
	S	AUGUSTA	GA
	CMA	CEDARTOWN	GA
	U	BENTON	KY
	ASZ	WINCHESTER	KY
	N	ACKERMAN	MS
	REW	GAST/SPCR MT	NC
	V	GIBSONVILLE	NC
	EWL	ROCKY MOUNT	NC
	JMT	MYRTLE BEACH	SC
	ZYX	COLUMBIA	TN
	GMV	MEMPHIS	TN
	EAJ	OAK RIDGE	TN
	FAF	CULPEPER	VA
	DKM	BRIDGEPORT	WV
7.735/7.135	BZJ	DALTON	GA
	FRM	MILLEDGEVILLE	GA
	Y	VALDOSTA	GA
	LRQ	PETAL	MS
	CJS	BREVARD/RICH MTN	NC
	ABW	CHERAW	SC
	EDS	ALAMO	TN
	AZJ	PEARISBURG	VA
	HB	RICHMOND	VA
7.75 /7.15	TFW	ALBANY	GA
	BYK	CUMMING/SAWNEE	GA
	III	PEARL	MS
	VLY	MORGANTON	NC

	TQD	RALEIGH	NC
	BJM	MONCKS CORNER	SC
	SDT	SIMPSONVILLE	SC
	PCD	NASHVILLE	TN
	EAJ	OAK RIDGE	TN
	QJZ	JEWELL RIDGE	VA
	SVR	ST ALBANS	WV
7.765/7.165	KIN	FORSYTH	GA
	HBM	LEXINGTON	KY
	UBY	PRESTONSBURG	KY
	RIS	HIGH POINT	NC
	VIA	GREENWOOD	SC
	CEX	PURYEAR	TN
	CTF	NEWPORT NEWS	VA
	FJT	WARRENTON	VA
7.78 /7.18	BMA	AUGUSTA	GA
	NHW	BALDWIN	GA
	BI	SYCAMORE	GA
	H	BAXTER	KY
	RBI	DIXON	KY
	CN	LOUISVILLE	KY
	UDQ	INVERNESS	MS
	EJJ	SANFORD	NC
	SFK	TRYON/MELROSE MT.	NC
	CTJ	WILMINGTON	NC
	NAT	DORCHESTER	SC
	SC	FT MILL/CAROWND	SC
	KOG	MEMPHIS	TN
	PCD	NASHVILLE	TN
	DES	POLK CTY/OSWALD	TN
	Z	PKS KB/PULASKI	VA
	NMT	LEON	WV
7.795/7.195	B	ATLANTA	GA
	UCJ	BOSTON	GA
	NIN	LENOIR	NC
	WB	MURPHY	NC
	RTS	LYNCHBURG	VA
	ELM	SMITHFIELD	VA
	H	HORSEPEN MT	WV
7.81 /7.21	TF	CONYERS	GA
	TO	SAVANNAH	GA
	BUZ	GREENSBORO	NC
	MSD	WHITEVILLE	NC
	AVU	LITTLE MT.	SC
	WS	COOKEVILLE	TN
	SBX	GRAY/HOLSTON MT	TN
	WKZ	JACKSON	TN
	IWG	MCLEAN	VA
	TC	EVANS	WV
7.825/7.225	ZUN	JEFFERSON	GA
	LVY	SUMMERVILLE	GA
	NFK	LITCHFIELD	KY
	OXA	ESCATAWPA	MS
	UQS	ASHEVILLE	NC
	WTX	HILLSBOROUGH	NC
	DTW	SANTEE	SC
	OAH	MORRISTOWN	TN
	C	HARRISONBURG	VA
	NRK	PRINCETON	WV
7.84 /7.24	NFG	IRWINTON	GA
	DII	ASHLAND	KY
	AVE	FAIR DEALING	KY
	AI	FRANKFORT	KY
	NAR	MAYFIELD	KY
	R	TUPELO	MS
	NIW	CARTHAGE	NC
	ACP	EDEN	NC
	PBG	FOREST CITY	NC
	GHZ	FRANKLIN	NC
	ILN	HILTON HEAD	SC
	AC	LANCASTER	SC
	BKY	GALLATIN	TN
	OG	LUNENBURG CT.HSE	VA
	FQR	WOODBRIDGE	VA
7.855/7.255	KDT	ATLANTA	GA
	CO	HIGHLAND HEIGHTS	KY
	RC	LAUREL	MS
	AV	ASHEBORO	NC
	KNI	HENDSVL/PENIC/MT.	NC
	BZU	NASHVILLE	TN
	SI	PETROS/FRZ HD MT.	TN
	TVS	ACCOMAC	VA
	CYZ	DANTE	VA
	EQC	HINTON	WV
	VAZ	MARTINSBURG	WV
7.87 /7.27	EBB	AMERICUS	GA
	KWT	LOUISVILLE	KY
	GEL	PIKEVILLE	KY
	USN	ABERDEEN	MS
	SXK	VICKSBURG	MS
	H	BENSON	NC
	SM	WAYNESVILLE	NC
	LET	CHARLESTON	SC
	JRJ	SENECA/LONG MT	SC
	YQC	GALLATIN	TN
	FH	JOHNSON CITY	TN
	OWI	MEMPHIS	TN
	TMC	PINSON	TN
	IKL	GUM SPRING	VA
	QWO	ROANOKE/POOR MTN	VA
	S	SCOTT DEPOT	WV
7.885/7.285	EVD	ASHBURN	GA
	VBX	ATLANTA/GPCO	GA
	FGA	MARION	KY
	EZN	COLUMBIA	MS
	ADM	AIKEN	SC
	DCD	MYB BCH/BRKSVIL	SC
	MGM	WHITE OAK MTN	SC
	ZTK	BLUFF CITY	TN
	PUX	PIKEVILLE	TN
	QT	MARTINSVILLE	VA
	HON	SPRUCE KNOB	WV
7.90 /7.30	ACY	PERRY	GA
	YSV	ROME	GA
	U	PRESTONSBURG	KY
	SJH	SPRINGFIELD	KY
	LNY	MAGEE	MS
	YJG	JEFFERSON	NC
	MZP	RED SPRINGS	NC
	OMV	TUCKASEGEE	NC
	ESG	MT. PLEASANT	SC
	BBB	KNOXVILLE	TN
	ADT	MEMPHIS	TN
	ZSA	NASHVILLE	TN
	SPS	FRANKLIN	VA
	ZR	LEXINGTON	VA
	TSC	WINCH/BLUEMONT	VA
	NSL	HARRISVL/PENSBRO	WV
7.915/7.315	REB	TWIN CITY	GA
	IL	SALEM	KY
	JYH	SAURATOWN MT	NC
	PPD	SHALLOTTE	NC
	UZT	N. SPARTANBURG	SC
	HFH	ALEXANDRIA	VA
	HWQ	GRUNDY	VA
	SAD	HARRISONBURG	VA
	MR	CLARKSBURG	WV
7.93 /7.33	BXO	LAGRANGE	GA
	DIP	TOCCOA	GA
	KWH	ASHLAND	KY
	KNE	MT. STERLING	KY
	IUI	PROVIDENCE	KY
	CYR	MCHENRY	MS
	EPP	PHILADELPHIA	MS
	LPL	FAYVLLE/FT BRAGG	NC
	K	LENOIR/HIBRITN	NC
	NUY	COLUMBIA	SC
	VXW	COVINGTON	TN
	ORB	MORGAN COUNTY	TN
	ZR	LEXNGTN/ROCK MT.	VA
	ZIP	WARSAW	VA
7.945/7.345	NEQ	ATLANTA/MARIETTA	GA
	PJR	JESUP/SCREVEN	GA
	IZD	LYNCH/BLACK MT	KY
	JC	CLINTON	MS
	NYR	SHELBY	NC
	TEP	WASHINGTON	NC
	DRU	AWENDAW	SC
	WF	HENDERSONVILLE	TN
	MMI	RAMER	TN
	SJM	GLADYS	VA
	RUA	FRANKLIN	WV
	K	LOGAN/SUMERCO	WV
7.96 /7.36	CLC	DOUGLASVILLE	GA
	HZX	DUBLIN	GA
	Z	LOUISVILLE	KY
	CJR	HATTIESBURG	MS
	KCG	LOUISVILLE	MS
	SVC	NATCHEZ	MS
	KDB	BOONE/RICH MTN	NC
	LDB	DURHAM	NC
	Z	LUMBERTON	NC
	EOY	COLUMBIA	SC
	OAK	LAFOLLETTE	TN
	MMI	MEMPHIS	TN
	NTM	NASHVILLE	TN
	KLX	PARIS	TN
	MMI	POCAHONTAS	TN
	CBB	CHESTERFIELD	VA
	OLM	STUARTS DRAFT	VA
7.975/7.375	TQU	ATHENS/CRAWFORD	GA
	VAK	LAFAYETTE	GA
	CO	WALTON	KY
	VFU	GULFPORT	MS
	YN	BURNSVILLE	NC
	ROK	GREENVILLE	NC
	DCD	TABOR CITY	NC
	DMI	GEORGETOWN	SC
	LEO	GREENVILLE	SC
	ILD	LYNCHBURG	VA
	NV	VIRGINIA BEACH	VA
	LNB	GRAFTON	WV
	WMX	ST ALBANS	WV
7.98 /7.38	NAY	PONTOTOC	MS
7.99 /7.39	IMK	THOMASTON	GA
	NON	COVINGTON	KY
	RBL	LA GRANGE	KY
	PDJ	WHTSBRG/PINE MT.	KY
	UNA	PRENTISS	MS
	CHZ	AQUADALE	NC
	PLY	CHARLOTTE	NC
	QBG	EDEN/STONEVILLE	NC
	FAU	SHALLOTTE	NC
	AC	SMITHFIELD	NC
	FEC	LEXINGTON	SC
	TA	CLARKSVILLE	TN
	PHT	DAYTON/RHEA CTY	TN
	BJY	OAKFIELD	TN
	AJO	MADISON	VA
	ARO	PETERSBURG	VA
	CRW	PARKERSBURG	WV
6.19 /7.51	HBY	MEMPHIS	TN
7.075/7.675	NGQ	FRANKFORT	KY
7.315/7.915	SPJ	FORSYTH	GA

220 MHZ

0.058/EACON	NKM	GREENEVILLE	TN
3.94 /2.34	DBB	BEDFD/APL ORCH	VA
2.12 /3.72	KHP	STERLING PARK	VA
2.14 /3.74	VMI	LEXINGTON	KY
2.30 /3.90	NSO	GAINESVILLE	GA
	RAB	HERMITAGE	TN
2.32 /3.92	UXD	AUGUSTA	KY
	AZA	THOMASVILLE	NC
2.34 /3.94	UPC	YORKVILLE	GA
	QK	ASHLAND	KY
	WTX	HILLSBOROUGH	NC
	GP	CLARKSVILLE	TN
	ZJM	MEMPHIS	TN
	HTA	VIENNA	VA
2.38 /3.98	ELN	VALDOSTA	GA
	HUV	LINWOOD	NC
	ZSA	GALLATIN	TN
2.42 /4.02	GLC	BRUNSWICK	GA
	JEH	CONYERS	GA
	EHF	FAYETTEVILLE	NC
	TXE	LEESBURG	VA
2.44 /4.04	BZJ	DALTON	GA
2.46 /4.06	UPC	YORKVILLE	GA
	MB	ARLINGTON	VA
2.48 /4.08	GIS	CARTERSVILLE	GA
	NTM	NASHVILLE	TN
2.50 /4.10	F	BALDWIN	GA
	CII	RIDGEVILLE	SC
	YHD	FAIRFAX	VA
	DBB	ROANOKE	VA
2.52 /4.12	NFP	ATLANTA/MARIETTA	GA
	FEC	LITTLE MT	SC
	G	FLAT TOP/WINTRPL	WV
2.54 /4.14	WOR	GREENSBORO	NC
	QHF	PICKENS/CSRS HD	SC
	SGS	FRANKLIN	TN
	M	WILLIAMSON	WV
2.56 /4.16	JNN	SASAFRAS MTN	GA
	K	LENOIR/HIBRITN	NC
	MC	NASHVILLE	TN
2.58 /4.18	YDX	DALLAS	GA
	RWN	COLUMBIA	SC
2.60 /4.20	UA	AUGUSTA	GA
	ILY	GREER	SC
	KMG	BLOUNTVILLE	TN
	YTU	BROWNSVILLE	TN
	PEA	HAMPDEN-SYDNEY	VA
2.62 /4.22	ZXK	VERSAILLES	KY
	ACP	MAYODAN MT	NC
	C	ROCKY MOUNT	NC
	FZK	KNXVL/CROSS MT	TN
	EHB	SPRINGFIELD	TN
2.64 /4.24	YYD	ELLIJAY-BUCK MTN	GA
	KNI	HENDSVL/BERWLW M.	NC
2.66 /4.26	BVW	ASHVL/MT PISGAH	NC
	NP	SHORT MTN.	TN
2.68 /4.28	BLR	ATLANTA	GA
	OAK	LAFOLLETTE	TN
	M	LYNCHBURG	VA
2.70 /4.30	MKT	LOUISVILLE	KY
	PVI	STATESVILLE	NC
2.72 /4.32	JBF	THOMASVILLE	GA
	KYB	PASCAGOULA	MS
	WGA	JACKSONVILLE	NC
	N	PICKENS/SASFR MT	SC
	US	CLEVELAND	TN
2.74 /4.34	DOC	ATLANTA	GA
2.76 /4.36	TYO	MARSHALL	NC
	YST	CHARLESTON	WV
2.78 /4.38	RBT	CLEVELAND	GA
	OQJ	KNOXVILLE	TN
	GJG	DANVILLE	VA
2.80 /4.40	TF	CONYERS	GA
	DWU	ELLISVILLE	MS
	BFB	CHARLOTTE	NC
	QHF	PICKENS	SC
	YGI	COLLIERVILLE	TN
	RBB	MORRISTOWN	TN
2.82 /4.42	YSV	ROME	GA
	VEZ	LOUISVILLE	KY
	BS	MEMPHIS	TN
	KHP	FAIRFAX	VA
	NDQ	NORTON/HIGH KB	VA
2.84 /4.44	NEQ	ATL/MARIETTA	GA
	IEV	SPINDALE	NC
	G	WEST SPRINGS	SC
	OG	NASHVILLE	TN
	FUV	SEVIERVILLE	TN
	GLA	DANVLE/WHITE OAK	VA
2.86 /4.46	ZTJ	SHELBY	NC
	YON	KNOXVILLE	TN
	FUJ	LOVETTSVILLE	VA
2.88 /4.48	PRH	NORCROSS	GA
	ZIA	LOCUST	NC
	QC	PARSONS	WV
2.90 /4.50	TYP	BILOXI	MS
	YNY	WILMINGTON	NC
	BBB	KNOXVILLE	TN
	DRL	MEM/FISHERVILLE	TN
	BVI	MARTINSVILLE	VA
2.92 /4.52	KSM	WALESKA/PNLGMT	GA
	RWN	LITTLE MTN	SC
	OBW	JONESBOROUGH	TN
	ONG	RICHMOND	VA
3.92 /4.52	RPB	GLEN	MS
2.94 /4.54	BVW	MT MITCHELL	NC
2.96 /4.56	DOC	ATL/CHESTNUT MT	GA
	EHF	FAYETTEVILLE	NC
2.98 /4.58	F	PIKEVILLE	KY
	YHH	SAURATOWN MT	NC
	VFD	CROSS	SC
3.00 /4.60	N	ASHEVILLE	NC
	NNR	HIGH POINT	NC
	HMT	GASBURG/LK GASTN	VA
3.02 /4.62	ZTL	ATLANTA/BELL	GA
	ETG	PIKEVILLE	KY
	THN	GLOUCESTER POINT	VA
3.04 /4.64	ABZ	RINGGOLD	GA
	PEN	RALEIGH	NC
	YHH	WINSTON-SALEM	NC
	NRL	CHARLESTON	SC
	M	COLUMBIA	SC
3.06 /4.66	BKM	MACON	GA
	PLA	MARS HILL	NC
	AM	SUNSET BEACH	NC
	MC	NASHVILLE	TN
	FPM	MANASSAS	VA
3.08 /4.68	BZJ	DALTON	GA
	KPF	LK NORMN/CLT	NC
3.10 /4.70	GY	BAY ST. LOUIS	MS
	RXG	SAURATOWN MT	NC
	ARO	PETERSBURG	VA
3.12 /4.72	MBK	CLAYTON	GA
	MSK	MT. TOXAWAY	NC
	KO	COLUMBIA	TN
	KHP	TYSONS CORNER	VA
3.14 /4.74	KVC	DALTON	GA
	TFU	BURNSVILLE	NC
	PYI	NASHVILLE	TN
	WQJ	VIRGINIA BEACH	VA
	FG	KINGSTON/LICK KB	WV
3.16 /4.76	BOC	STONE MT	GA
	EXU	SALISBURY	NC
	E	GREENBRIER	TN
3.18 /4.78	D	ACKERMAN	MS
	WGY	EDEN	NC
	VCM	CHATTANOOGA	TN
	UCI	JC/BUFFALO MT	TN
	KOG	MEMPHIS	TN
	GJZ	WOODBRIDGE	VA
3.20 /4.80	PML	MORGANTON	NC
	E	GREENBRIAR	TN
3.22 /4.82	C	ATLANTA	GA
	MOP	LOUISVILLE	KY
	D	ACKERMAN	MS
	DWU	CANTON	NC
	HTS	GREENSBORO	NC
	CCF	ALEXANDRIA	VA
3.24 /4.84	ACY	PERRY	GA
	DAN	GRIFTON	NC
	PLV	BEDFORD	VA
3.26 /4.86	JNN	ALPHARETTA	GA
	TGK	ORANGEBURG	SC
	GYR	SUMTER	SC
	UHA	HAMPTON	VA
3.28 /4.88	UPC	YORKVILLE	GA
	VNO	BAY ST. LOUIS	MS
	AIH	ANDREWS/ROBBINSV.	NC
	RXG	SAURATOWN MT	NC
	DRL	FISHERVILLE	TN
3.30 /4.90	QPL	MARIETTA	GA
	ST	PONTOTOC	MS
	EOY	COLUMBIA	SC
	ZOK	CHATT/SIGNAL MT	TN
	HQ	DELTAVILLE	VA
3.32 /4.92	NYK	PARIS MT/GRNVL	SC
	LGA	BLFD/E.RIVER MTN	VA
3.34 /4.94	KXO	AUGUSTA	GA
	UPC	PINE LOG MT.	GA
	EV	ROSSVILLE	GA
	YUU	LEXINGTON	KY
	JJ	FLORENCE	SC
	NKM	GREENEVILLE	TN
	EM	ROANOKE/CHAUS MT.	VA
3.36 /4.96	ZJG	HIRAM	GA
	UDS	CHERRYVILLE	NC
	JVX	GOLDSBORO	NC
	UQS	HENDERSONVILLE	NC
	WTB	SAURATOWN MT	NC
	TUN	AIKEN	SC
3.38 /4.98	JSR	CUMMING	GA
	CHP	FALLS CHURCH	VA

440 MHZ

9.45 /5.67	DOC	ATLANTA	GA
9.25 /1.25	PXX	BRNSWK/JEKYLL IS.	GA
	AZA	SAURATOWN MT	NC
	GUP	LEXINGTON	SC
	ERU	MEMPHIS	TN
	ZQ	NASHVILLE	TN
9.250/1.250	TPI	PULASKI	TN
9.25 /3.25	UMU	SUMTER	SC
	VHP	SAVANNAH	GA
	GVK	ALEXANDRIA	VA
	NOJ	WAYNESBORO	VA
	MM	ALBANY	GA
	AOH	OWENSBORO	KY
	NYR	SHELBY	NC
1.25 /9.25	ERU	MEMPHIS	TN

6.25 /9.25	FHL	ROANOKE/POOR MT.	VA
7.00 /2.00	RTH	ALPHARETTA	GA
	ORL	LOUISVILLE	KY
	HMT	GASBURG	VA
	IQV	MARION	VA
	CSG	WINCHESTER	VA
7.025/2.025	JA	AUGUSTA	GA
7.05 /2.05	XV	JASPER	TN
	BEZ	MEDINA	TN
7.075/2.075	GYM	COLUMBIA	SC
7.10 /2.10	ACP	MAYODAN	NC
	ABJ	MILAN	TN
7.125/2.125	PLP	ROSSVILLE	GA
7.15 /2.15	BEA	RALEIGH	NC
	J	CHATTANOOGA	TN
7.150/2.150	TPI	PULASKI	TN
7.175/2.175	EO	ROCKY FACE	GA
	YUY	ROANOKE	VA
7.20 /2.20	APR	DECATUR	GA
	SBX	GRAY/HOLSTON MT	TN
	BJY	OAKFIELD	TN
	TXE	STERLING	VA
	QC	PARSONS	WV
7.225/2.225	KWT	LOUISVILLE	KY
7.25 /2.25	PQA	GREENVILLE	SC
	DES	OSWALD DOME	TN
	HTI	COVINGTON	VA
7.275/2.275	VTT	MACON	GA
7.30 /2.30	VFD	CROSS	SC
	BS	BECKLEY/BOLT	WV
7.325/2.325	JSR	CHATTANOOGA	TN
7.40 /2.40	FE	WARM SPRINGS	GA
	XV	LATONIA	KY
	QHF	PICKENS/CSRS HD	SC
	YI	LYNCHBG/JACK MT.	VA
7.45 /2.45	LMR	RALEIGH	NC
7.475/2.475	NVG	LAVONIA	GA
7.50 /2.50	MLF	LOUISVILLE	KY
	NTZ	KNOXVILLE	TN
	CA	ROANOKE/POOR MT	VA
7.500/2.500	YNY	WILMINGTON	NC
7.55 /2.55	JEH	CONYERS	GA
	MMY	PITTSBORO	NC
7.60 /2.60	USU	MURPHY	NC
	VA	HUNTINGTON	WV
7.625/2.625	NSO	GAINESVILLE	GA
	AM	SUNSET BEACH	NC
	EPG	MEMPHIS	TN
7.675/2.675	UP	ETHRIDGE	TN
7.70 /2.70	HHH	ELLIJAY	GA
	AZU	SAVANNAH	GA
	VG	ROANOKE/POOR MT.	VA
7.75 /2.75	GR	BAKERSVILLE	NC
7.80 /2.80	NFP	ATL/MARIETTA	GA
	EPG	JACKSON	TN
7.825/2.825	G	MEMPHIS	TN
7.90 /2.90	AZA	THOMASVILLE	NC
7.95 /2.95	FU	LYNCHBURG	VA
7.975/2.975	YNZ	ATLANTA	GA
8.00 /3.00	OGF	CHATSWORTH	GA
	EOY	COLUMBIA	SC
	ZJM	MEMPHIS	TN
	X	WHITETOP MTN	VA
	EZR	HUNTINGTON	WV
8.80 /3.00	KOG	MEMPHIS	TN
8.05 /3.05	JVX	GOLDSBORO	NC
	PUB	MT JULIET	TN
	VT	PARKERSBURG	WV
8.10 /3.10	IZD	LYNCH/BLACK MT	KY
	GGC	SAURATOWN MT	NC
	N	GRNVLE/PARIS MT	SC
	GPM	FAYETTEVILLE	TN
	JXT	MEMPHIS	TN
	FHE	BUCKHANNON	WV
8.15 /3.15	MHR	ST. ALBANS	WV
8.20 /3.20	APP	HIGH HOUSE	GA
	UG	GRNVLE/VIKING MT	TN
	BS	MEMPHIS	TN
8.25 /3.25	JEX	KANNAPOLIS	NC
	ZCM	RALEIGH	NC
	HTA	VIENNA	VA
8.275/3.275	KLW	ROCKMART	GA
8.30 /3.30	X	ATHENS	GA
	SVQ	ARCHDALE	NC
	IEV	SPINDALE	NC
	SSB	GALLATIN	TN
	KJH	GATLBG/COVE MT	TN
8.325/3.325	JMD	STOCKBRIDGE	GA
	JMD	STOCKBRIDGE	GA
8.35 /3.35	YYD	ELLIJAY-BUCK MTN	GA
	LFU	RICHMOND	VA
8.375/3.375	AQS	CALHOUN/JASPER	GA
8.40 /3.40	RDM	HAMPTON	GA
	WTB	SAURATOWN MT	NC
	RPC	YAUPON BEACH	NC
	TUN	AIKEN	SC
	DBJ	CUMBERLAND CITY	TN
	QWW	MEMPHIS	TN
8.425/3.425	MDE	JASPER	GA
	SQC	JOHNSON CITY	TN
8.45 /3.45	VAK	HIGH PT/LOOKT MT	GA
	VOZ	STATESVILLE	NC
8.50 /3.50	EQC	LOUISVILLE	KY
	X	LAUREL	MS
	PQZ	GREENSBORO	NC
	GYM	COLUMBIA	SC
	WKS	PARIS/GROVE HL	TN
	GUS	TYSONS CORNER	VA
8.55 /3.55	IN	DACULA	GA
	XE	ROARING GAP	NC
	ELM	SMITHFIELD	VA
8.575/3.575	PXV	GRANDFATHER MTN	NC
8.60 /3.60	BA	MARIETTA	GA
	HYE	MENDENHALL	MS
	DWU	MT MITCHELL	NC
	CXD	FOREST	VA
8.625/3.625	MJN	JAMESTOWN	TN
8.65 /3.65	ZV	ATLANTA	GA
	D	ACKERMAN	MS
	AIH	ANDREWS/ROBBINSV	NC
	UMI	HAMPTON	VA
	BON	ROANOKE/POOR MT.	VA
8.70 /3.70	BA	MARIETTA	GA
	LXW	HIGH POINT	NC
	LBT	LOCUST	NC
	DOR	BARTLETT	TN
8.75 /3.75	TF	COVINGTON	GA
	EDS	ALAMO	TN
	WIC	WINDY GAP MT	VA
8.80 /3.80	NFP	ATLANTA/MARIETTA	GA
	IAT	NATCHEZ	MS
	HNK	SUMMERVILLE	SC
	NDH	CHESAPEAKE	VA
	VA	INDEPENDNCE HILL	VA
	JRL	WYTHEVILLE	VA
8.825/3.825	KRM	SHELBYVILLE	TN
8.85 /3.85	PN	WALESKA/PNLOG MT	GA
	ULM	FRANKLIN	TN
8.875/3.875	MZ	HAW RIVER	NC
	LZQ	CAESARS HEAD	SC
	DUM	WILLIS	VA
8.90 /3.90	GWA	GRIFFIN	GA
	DWU	ELLISVILLE	MS
	JIF	HIGH POINT	NC
	EVG	CHESAPEAKE	VA
8.925/3.925	LJU	RINGGOLD	GA
8.95 /3.95	RYF	MEMPHIS	TN
	NTG	WILLIAMSBURG	VA
8.975/3.975	BRN	MEMPHIS	TN
	WJS	ROCKWOOD	TN
9.00 /4.00	QDX	LAWRENCEVILLE	GA
	WRX	JACKSON	MS
	JEQ	HICKORY	NC
	YP	SELMA	NC
	BKY	GALLATIN	TN
	ETE	MEMPHIS	TN
	SN	PORTSMOUTH	VA
	IT	MULLENS/HRNDN MT	WV
9.025/4.025	MSE	STONE MT	GA
	V	GIBSONVILLE	NC
	RDK	MEMPHIS	TN
9.05 /4.05	NEQ	ATLANTA/MARIETTA	GA
	OG	NASHVILLE	TN
	AVA	GREAT FALLS	VA
	OLM	STUARTS DRAFT	VA
9.10 /4.10	MNI	BOWLING GREEN	KY
	WTT	LOUISVILLE	KY
	WUX	MERIDIAN	MS
	WTX	DURHAM	NC
	AM	CHATTANOOGA	TN
	JXT	MEMPHIS	TN
	RAG	STAIMTPM/EL KNB	VA
	ILO	PARKERSBURG	WV
9.125/4.125	ECD	LAFAYETTE	TN
9.15 /4.15	ZTL	ATLANTA/BELL	GA
	BJT	CLERMONT HARBOR	MS
	YCR	NEW ALBANY	MS
	IZF	GASTONIA	NC
	NTM	NASHVILLE	TN
	MB	ARLINGTON	VA
	ZR	LEXNGTN/ROCK MT.	VA
	VA	SPRINGFIELD	VA
9.175/4.175	COV	UNION	KY
	WTB	STUART/SPOON MTN	VA
9.20 /4.20	LBM	DECATUR	GA
	U	MAYTOWN	KY
	YNF	AHOSKIE	NC
	GYM	COLUMBIA	SC
	YTU	BROWNSVILLE	TN
	NEX	MORRISTOWN	TN
	ECM	ENON	VA
	EZA	WAYNESBORO	VA
9.225/4.225	VWK	YANCEYVILLE	NC
	ARK	NASHVILLE	TN
9.25 /4.25	BOC	ATLANTA/STONE MT	GA
	DC	GLASGOW/CVCTY	KY
	CYR	GULFPORT	MS
	KNI	HENDSVL/BERWLW M.	NC
	F	SMITHFIELD	NC
	PAJ	BARTLETT	TN
	E	GREENBRIER	TN
	TFZ	CHARLOTTESVILLE	VA
9.30 /4.30	WH	JENKINS	KY
	ZZD	LOUISVILLE	KY
	WOR	GREENSBORO	NC
	MNH	CHARLESTON	SC
	DRL	FISHERVILLE	TN
	GBI	KNOXVILLE	TN
	EFK	FALLS CHURCH	VA
9.325/4.325	BA	MARIETTA	GA
	T	WYTHEVILLE	VA
9.35 /4.35	JF	TIFTON	GA
	OCP	HIGHLAND HEIGHTS	KY
	V	GIBSONVILLE	NC
	BKY	GALLATIN	TN
	DBB	BEDFD/APL ORCH	VA
9.375/4.375	IZF	JASPER	GA
9.40 /4.40	UA	AUGUSTA	GA
	ULJ	HAMILTON	GA
	LU	LAWRENCEVILLE	GA
	RBL	LA GRANGE	KY
	LTW	MERIDIAN	MS
	YZF	FAYETTEVILLE	NC
	YOQ	FOREST CITY	NC
	KOG	MEMPHIS	TN
	EAJ	OAK RIDGE	TN
	ARO	PETERSBURG	VA
	G	ALDERSON	WV
9.90 /4.40	YWH	HIGHLAND HEIGHTS	KY
9.425/4.425	ISI	ALTAVISTA	VA
9.45 /4.45	LCL	JACKSON	MS
	YTU	BROWNSVILLE	TN
	KWP	GALLATIN	TN
	J	HIXSON	TN
	ZOA	FALLS CHURCH	VA
9.50 /4.50	MM	ALBANY	GA
	UWL	ATLANTA	GA
	APA	HENDERSON	KY
	MOP	LOUISVILLE	KY
	ICX	LEXINGTON	NC
	PEN	RALEIGH	NC
	LSP	BRISTOL/HLST MT	TN
	KSL	KNOXVILLE	TN
	ZAI	ALEXANDRIA	VA
	HEX	LYNCHBURG	VA
9.525/4.525	VF	GRETHEL	KY
	MRS	NEW HEBRON	MS
	DCD	MYB BCH/BRKSVIL	SC
	PYI	NASHVILLE	TN
9.55 /4.55	JEH	CONYERS	GA
	NEF	TYRONE	GA
	KQ	LEWISPORT	KY
	IF	N.BILOXI/D'IBERV	MS
	VTE	GASTONIA	NC
	VM	ROANOKE RAPIDS	NC
	VM	ROANOKE RAPIDS	NC
	Y	COOKEVILLE	TN
	OGT	HAMPTON	VA
9.575/4.575	WCK	NASHVILLE	TN
	DE	COLLINSVILLE	VA
9.60 /4.60	NMC	LOUISVILLE	KY
	CO	JACKSON	MS
	BFB	CHARLOTTE	NC
	HAP	KNOXVILL/ENG MTN	TN
	JXI	MEMPHIS	TN
	HFH	ALEXANDRIA	VA
9.625/4.625	WQ	ATLANTA	GA
	OCF	RICHTON	MS
	AY	NASHVILLE	TN
	E	BLUEFIELD	VA
9.65 /4.65	IBW	SMYRNA	GA
	ST	PONTOTOC	MS
	MME	SALISBURY	NC
	NKM	GREENEVILLE	TN
	OYS	SHORT MTN	TN
	ARO	RICHMOND	VA
	QC	THOMAS	WV
9.675/4.675	EBZ	NEWNAN	GA
	WGA	JACKSONVILLE	NC
	AY	NASHVILLE	TN
	MIZ	NORFOLK	VA
9.70 /4.70	LUQ	DALLAS	GA
	HHH	ELLIJAY TALONA M	GA
	ELN	VALDOSTA	GA
	AUN	LOUISVILLE	KY
	Y	JACKSON	MS
	JEH	ROCKY MOUNT	NC
	WWB	GATE CITY	VA
	LG	MORGANTOWN	WV
9.725/4.725	NFA	WATKINSVILLE	GA
	RAV	BLUFF CITY	TN
	TK	FRANKLIN	TN
9.75 /4.75	EMM	CONYERS	GA
	VZF	STARKVILLE	MS
	TC	HENDERSON	TN
	KQI	FOREST	VA
	JYF	TYSONS CORNER	VA
	BNW	CHARLESTON	WV
9.775/4.775	NEQ	ATLANTA/MARIETTA	GA
	AKM	GALLATIN	TN
	G	PARKERSBURG	WV
9.80 /4.80	ASI	COVINGTON	GA
	BEJ	ELIZABETHTOWN	KY
	CO	JACKSON	MS
	J	GREENVILLE	NC
	JXI	MEMPHIS	TN
	LP	MORRISTOWN	TN
	YHH	OILVILLE	VA
	G	BECKLEY/KINGSTON	WV
	CUL	MORGANTOWN	WV
9.825/4.825	DSN	AMORY	MS
	UY	MT AIRY/FSH PK	NC
	UY	MT. AIRY	NC
	FC	MEMPHIS	TN
	ZBP	STAUNTON	VA
9.85 /4.85	BZJ	DALTON	GA
	YUU	LEXINGTON	KY
	WRE	POPLARVILLE	MS
	CQ	CHARLOTTE	NC
	GMP	WILMINGTON	NC
	NDQ	NORTON/HIGH KNOB	VA
	ARO	RICHMOND	VA
9.875/4.875	LRD	CHATTANOOGA	TN
	BOX	JACKSON	TN
	AKM	NASHVILLE	TN
	WTP	BIG "A" MTN	VA
9.90 /4.90	D	ACKERMAN	MS
	DWT	ASHEVILLE	NC
	ZW	FAYETTEVILLE	NC
	JMS	NEW BERN	NC
	J	WILSON	NC
	MMI	MEMPHIS	TN
	IDG	WATERTOWN	TN
	FQR	WOODBRIDGE	VA
9.925/4.925	NNO	ATLANTA	GA
	PJR	JESUP	GA
	MKG	ASHLAND	KY
	PYQ	SOUTHAVEN	MS
	TTE	VICKSBURG	MS
	CQK	MT. AIRY	NC
	BUH	ANDERSON/SAS MT	SC
	VIH	DOVER	TN
	BON	ROANOKE/LONG RDG.	VA
9.95 /4.95	I	AUGUSTA	GA
	KIN	PERRY	GA
	EJA	LEXINGTON	KY
	WXL	RALEIGH	NC
	SIR	BENTON/BEAN MT	TN
	GP	CLARKSVILLE	TN
	NNE	MEMPHIS	TN
	WRN	STAUNTON	VA
	KXV	VIRGINIA BEACH	VA
	CQV	SO. CHARLESTON	WV
9.97 /4.97	ZTJ	POLKVILLE	NC
9.975/4.975	YNZ	ATLANTA	GA
	TVE	BRUNSWICK	GA
	TAT	ASHLAND	KY
	AGD	JACKSON	MS
	AKM	NASHVILLE	TN
	AZJ	PEARISBURG	VA
3.725/8.725	DN	FAIRFAX	VA
3.85 /8.85	YSV	WALUSKA/PINE LOG	GA
3.975/8.975	SDE	WOODFORD	VA
4.175/9.175	O	WINCHESTER	VA
4.225/9.225	JCE	MANASSAS	VA
4.60 /9.60	SJH	SPRINGFIELD	KY
4.825/9.825	DOC	ATLANTA	GA
4.875/9.875	DCS	ARLINGTON	VA
	DCS	WOODBRIDGE	VA
4.925/9.925	TSC	WINCH/BLUEMONT	VA
6.25 /3.25	HEX	LYNCHBURG	VA

920 MHZ

7.10 /9.10	BZJ	DALTON	GA
7.60 /9.60	CCF	ALEXANDRIA	VA
8.00 /0.00	LP	MORRISTOWN	TN
8.80 /0.80	LP	MORRISTOWN	TN
8.90 /0.90	TT	ROANOKE	VA
9.00 /1.00	OSI	FOREST	VA
0.25 /3.25	ZGA	NASHVILLE	TN

1270 MHZ

7.25 /9.25	MEY	NASHVILLE	TN
1.40 /1.40	DOC	ATL/CHESTNUT MT	GA
0.60 /2.60	CCF	ALEXANDRIA	VA
1.02 /1.02	DBB	APL. ORCH. MTN.	VA
2.00 /2.00	KIN	ATLANTA/BELL	GA
	MW	MEMPHIS	TN
	S	VIENNA	VA

Indexes To ARRL At End of Calendar Year

Each year, SERA passes the Repeater Journal November Repeater Index to the American Radio Relay League for use in their forthcoming ARRL National Repeater Directory.

Our list will be continuously updated until about the end of the year, when the information is exchanged. All repeater data sheets turned in to SERA by the end of the year will be used to update our index before it is passed to ARRL for their 1992-1993 National Repeater Directory.

All repeater owners are urged to return their data sheets early enough to get changes in on their repeater systems.

SERA REPEATER INDEX LISTINGS BY CITY - BY STATE

GEORGIA REPEATERS

10 METERS

ALBANY	W4MM	29.58	29.68	N	L
ATL/MARIETTA	N4NEQ	29.54	29.64	*	L
DALTON	N4BZJ	29.58	29.68	*	AL

6 METERS

ATL/MARIETTA	W8BLA	52.09	53.09	*	L
AUGUSTA	K4EDU	52.03	53.03	N	
CARTERSVILLE	WB4AEG	52.07	53.07	N	PR
CONYERS	WB4JEH	52.55	53.55	*	
DALTON	N4BZJ	52.13	53.13	*	PR
FORSYTH	KB4KIN	52.13	53.13	*	
PINE LOG MT	WB4UPC	52.05	53.05	*	L
PINE LOG MT.	KE4PN	52.29	53.29	N	L
VALDOSTA	KB0Y	52.89	53.89	N	

2 METERS

ADAIRSVILLE	WD4IWL	146.085	146.685	N	PL
ADEL	KF4JF	144.53	145.13	N	
ALBANY	W4MM	144.55	145.15	N	L
ALBANY	W4MM	146.10	146.70	N	A
ALBANY	W4MM	146.13	146.73	N	
ALBANY	W4MM	146.22	146.82	N	
ALBANY	W4MM	147.72	147.12	N	K
ALBANY	WB4TFW	147.75	147.15	N	
AMERICUS	WD4EBB	147.87	147.27	N	
ASHBURN	WD4EVD	147.885	147.285	*	P
ATHENS	WA4BKF	146.145	146.745	*	P
ATHENS/CRAWFORD	K4TQU	147.975	147.375	*	
ATL/UNION CITY	WA4UPE	146.025	146.625	*	
ATLANTA	W4AQL	144.55	145.15	N	PE
ATLANTA	K4DRQ	144.69	145.29	N	
ATLANTA	W4DOC	144.75	145.35	N	
ATLANTA	WB4QGR	146.04	146.64	N	T
ATLANTA	W4DOC	146.22	146.82	N	P
ATLANTA	WA4YNZ	146.37	146.97	*	T
ATLANTA	WA4NNO	146.40	147.00	N	P
ATLANTA	K4YSB	147.705	147.105	N	Y
ATLANTA	KN4B	147.795	147.195	N	T
ATLANTA	WD4KDT	147.855	147.255	*	PL
ATLANTA/AIRPORT	W4REI	147.63	147.03	*	
ATLANTA/BELL	W4PME	144.81	145.41	*	AE
ATLANTA/GPCO	WA4VBX	147.885	147.285	*	
ATLANTA/MARIETTA	N4NFP	146.055	146.655	*	AEL
ATLANTA/MARIETTA	N4NEQ	147.945	147.345	*	PELR
ATLANTA/SWEAT MT	KD4NC	146.13	146.73	N	LK
AUGUSTA	W4TUN	144.51	145.11	*	A
AUGUSTA	AA4UA	144.77	145.37	*	A
AUGUSTA	WD4COL	144.89	145.49	N	AB
AUGUSTA	W4LWT	146.04	146.64	*	K
AUGUSTA	KT4N	146.34	146.94	*	
AUGUSTA	NA4I	146.385	146.985	*	P
AUGUSTA	NI4S	147.72	147.12	N	P
AUGUSTA	N4BMA	147.78	147.18	N	Y
BALDWIN	WD4NHW	147.78	147.18	*	A
BONAIRE	KM4DT	147.615	147.015	N	
BOSTON	W4UCJ	147.795	147.195	*	ABE
BRNSWK/JEKYLL IS.	KB4PXX	144.81	145.41	N	
BRUNSWICK	K4TVE	146.13	146.73	N	A
CALHOUN/JASPER	KC4AQS	147.405	146.805	*	PLBR
CARROLLTON	W4FWD	146.04	146.64	*	A
CARTERSVILLE	N4GIS	146.415	147.015	*	O
CEDARTOWN	W4CMA	147.72	147.12	*	P
CLAYTON	WA4BLQ	144.65	145.25	*	
CLEVELAND/LONG	WB4HIG	146.31	146.91	N	A
CLEVELAND/LONG	K4FOW	147.615	147.015	N	
COLUMBUS	KA4CEK	144.71	145.31	N	
COLUMBUS	W4CVY	146.01	146.61	N	A
COLUMBUS	WB4TOM	146.28	146.88	N	
CONYERS	WB4JEH	144.63	145.23	*	
CONYERS	WB4JEH	146.01	146.61	*	
CONYERS	KL7TF	147.81	147.21	*	PEB
COOLIDGE	N4JBF	144.57	145.17	N	PR
CORDELE	WA4RWS	144.89	145.49	*	
COVINGTON	WA4ASI	146.325	146.925	*	AL
CUMMING/SAWNEE	K4BYK	147.75	147.15	*	PL
DAHLONEGA	N4KHQ	147.435	146.835	*	A
DALLAS	K4DVJ	146.25	146.85	N	PE
DALTON	KE4UJ	144.63	145.23	N	A
DALTON	N4BZJ	147.735	147.135	*	EL
DECATUR	W4BOC	144.85	145.45	N	
DOUGLASVILLE	N4UOX	144.51	145.11	*	
DOUGLASVILLE	WA4CLC	147.96	147.36	*	E
DUBLIN	WA4HZX	147.96	147.36	N	A
EASTMAN	K4KEC	144.61	145.21	*	
ELLIJAY-BUCK MTN.	N4YYD	144.65	145.25	*	A
ELLIJAY/TALONA M	W4HHH	146.385	146.985	*	AB
EVANS	N4TDL	146.28	146.88	*	
FAYETTEVILLE	W4PSZ	144.61	145.21	N	PE
FAYETTEVILLE	K4UWN	146.085	146.685	*	
FOLKSTON	K4DMK	146.19	146.79	N	
FORSYTH	W4SPJ	147.315	147.915	N	NB
FORSYTH	KB4KIN	147.765	147.165	*	PL
GAINESVILLE	W4NSO	146.07	146.67	*	PE
GRIFFIN	K4HYB	144.79	145.39	*	P
GRIFFIN	K4HYB	146.31	146.91	N	
HARTWELL	WA4RBS	146.295	146.895	*	B
HINESVILLE	KK4UV	144.87	145.47	*	AB
IRWINTON	WB4NFG	147.84	147.24	N	
JASPER	KB4IZF	144.77	145.37	*	RPLB
JASPER	W4OOM	146.10	146.70	*	
JEFFERSON	KB4ZUN	147.825	147.225	N	
JESUP	WA4EQL	146.07	146.67	*	
JESUP	N4PJR	146.325	146.925	N	P
JESUP/SCREVEN	N4PJR	147.945	147.345	*	
JONESBORO	WA4DIW	144.57	145.17	*	E
JONESBORO	WA4OGE	144.73	145.33	N	E
LAFAYETTE	KB4VAK	147.975	147.375	N	
LAGRANGE	KO4R	146.25	146.85	N	O
LAGRANGE	WB4BXO	147.93	147.33	N	
LAVONIA	K4NVG	146.115	146.715	*	PBT100.0
LAWRENCEVILLE	WD4JXR	147.675	147.075	*	EP
LYONS	K4HAO	146.22	146.82	N	
MACON	WB4OLL	144.83	145.43	*	PLR
MACON	W4BKM	146.06	146.66	*	NBP
MACON	N3SM	146.295	146.895	*	A
MACON	WA4DDI	147.66	147.06	*	T
MADISON	WB4DKY	146.265	146.865	*	A
MARIETTA	K4LCI	144.83	145.43	N	E
MARIETTA	WA4QPL	144.89	145.49	N	PE
MARIETTA	N4NFP	146.175	146.775	*	
MARIETTA	W4IUD	146.28	146.88	*	
METTER	W4TYM	147.645	147.045	*	ABE
MIDWAY	KF4UM	147.615	147.015	*	
MILLEDGEVILLE	KF4LI	144.55	145.15	*	PT
MILLEDGEVILLE	WB4DOJ	146.10	146.70	*	PEL
MILLEDGEVILLE	KF4LT	146.205	146.805	N	
MILLEDGEVILLE	K4FRM	147.735	147.135	*	
MORGANTON	K5GBS	146.475	147.075	*	
MOULTRIE	WD4KOW	146.19	146.79	N	
NEWNAN	K4SEX	144.53	145.13	*	P
NEWNAN	K4SEX	146.19	146.79	*	P
PERRY	KB4KIN	146.355	146.955	*	PL
PERRY	WL7ACY	147.90	147.30	*	AL
PINE MT/HAMILTON.	WB4ULJ	144.59	145.19	N	
PRESTON	WB4TOV	146.385	146.985	N	
QUITMAN	W4FGH	146.28	146.88	N	
RINGGOLD	W4ABZ	146.115	146.715	N	
ROCKY TOP MT	K5PRE	146.355	146.955	N	
ROME	WB4YSV	147.90	147.30	N	
ROME/MT. ALTO	W4VO	146.34	146.94	*	P
ROSSVILLE	W4FGQ	144.75	145.35	*	
ROSWELL	N4CLA	147.66	147.06	N	PE
SAVANNAH	KK4TO	146.10	146.70	*	PE
SAVANNAH	W4HBB	146.28	146.88	N	
SAVANNAH	W4HBB	146.37	146.97	N	A
SAVANNAH	KK4TO	147.81	147.21	*	PE
ST SIMONS ISL	KA4CVE	147.69	147.09	N	
ST. MARYS	KA4UUB	146.385	146.985	N	
STATESBORO	NC4D	147.705	147.105	N	
STOCKBRIDGE	WA4JDR	144.71	145.31	N	
STONE MT	W4BOC	146.16	146.76	N	
SUMMERVILLE	KA4LVY	147.825	147.225	N	
SWAINSBORO	K4VYX	146.19	146.79	N	O
SWEAT MT/MARIETT	N4CLA	144.87	145.47	N	PE
SYCAMORE	KF4BI	147.78	147.18	N	
THOMASTON	K4IMK	147.99	147.39	N	
THOMASVILLE	W4UCJ	147.66	147.06	*	
THOMPSON	WB4OCB	146.235	146.835	N	C
TOCCOA	KA4DIP	147.93	147.33	*	
TWIN CITY	N4REB	147.915	147.315	N	PR
VALDOSTA	N4ELN	146.16	146.76	N	PT
VALDOSTA	KB0Y	147.735	147.135	N	A
VIDALIA	N4JWP	146.025	146.625	*	A
WALESKA/PNLGMT	KE4PN	144.67	145.27	N	L
WARM SPRINGS	N4UER	146.385	146.985	N	P
WARNER ROBINS	WB4BDP	146.01	146.61	N	A
WARNER ROBINS	WA4QWI	146.25	146.85	*	A
WATKINSVILLE	N4NFA	147.645	147.045	*	RPEL
WAYCROSS	WA4GBG	146.04	146.64	N	
WAYNESBORO	WD4COL	144.63	145.23	N	
WRENS	WB4OCB	146.175	146.775	N	
WRIGHTSVILLE	WA4RVB	146.34	146.94	N	AL

220 MHZ

ALPHARETTA	KC4JNN	223.26	224.86	N	AT
ATL/CHESTNUT MT	W4DOC	222.96	224.56	N	L
ATL/MARIETTA	N4NEQ	222.84	224.44	*	PEL
ATLANTA	N4BLR	222.68	224.28	N	
ATLANTA	W4DOC	222.74	224.34	N	
ATLANTA	KK4C	223.22	224.82	*	PLR
ATLANTA/BELL	W4ZTL	223.02	224.62	*	
ATLANTA/MARIETTA	N4NFP	222.52	224.12	*	AEL
AUGUSTA	AA4UA	222.60	224.20	*	A
AUGUSTA	WB4KXO	223.34	224.94	*	P
BALDWIN	WS4F	222.50	224.10	*	
BRUNSWICK	N3GLC	222.42	224.02	N	
CARTERSVILLE	N4GIS	222.48	224.08	*	
CLAYTON	WD4MBK	223.12	224.72	*	
CLEVELAND	N4RBT	222.78	224.38	N	P
CONYERS	WB4JEH	222.42	224.02	*	
CONYERS	KL7TF	222.80	224.40	*	PR
CUMMING	K4JSR	223.38	224.98	*	PL
DALLAS	N4YDX	222.58	224.18	*	E
DALTON	N4BZJ	222.44	224.04	*	
DALTON	N4BZJ	223.08	224.68	*	
DALTON	N4KVC	223.14	224.74	*	ER
ELLIJAY-BUCK MTN.	N4YYD	222.64	224.24	*	
GAINESVILLE	W4NSO	222.30	223.90	*	PR
HIRAM	N4ZJG	223.36	224.96	N	AB
MACON	W4BKM	223.06	224.66	*	
MARIETTA	WA4QPL	223.30	224.90	N	PE
NORCROSS	KB4PRH	222.88	224.48	N	
PERRY	WL7ACY	223.24	224.84	*	AL
PINE LOG MT.	WB4UPC	223.34	224.94	*	L
RINGGOLD	W4ABZ	223.04	224.64	N	P
ROME	WB4YSV	222.82	224.42	N	
ROSSVILLE	KC4EV	223.34	224.94	N	
SASAFRAS MTN	KC4JNN	222.56	224.16	N	A
STONE MT	W4BOC	223.16	224.76	N	
THOMASVILLE	N4JBF	222.72	224.32	N	AL
VALDOSTA	N4ELN	222.38	223.98	N	
WALESKA/PNLGMT	N4KSM	222.92	224.52	N	A
YORKVILLE	WB4UPC	222.34	223.94	*	L
YORKVILLE	WB4UPC	222.46	224.06	*	L
YORKVILLE	WB4UPC	223.28	224.88	*	

440 MHZ

ALBANY	W4MM	439.25	427.25	N	V
ALBANY	W4MM	449.50	444.50	N	
ALPHARETTA	WB6RTH	447.00	442.00	N	AB
ATHENS	NB4X	448.30	443.30	N	
ATL/MARIETTA	N4NFP	447.80	442.80	*	
ATLANTA	W4DOC	444.825	449.825	N	NB
ATLANTA	WA4YNZ	447.975	442.975	*	TPL
ATLANTA	W4DOC	449.45	145.67	N	R
ATLANTA	KE4ZV	448.65	443.65	*	K
ATLANTA	WB4UWL	449.50	444.50	N	
ATLANTA	N4WQ	449.625	444.625	N	AO
ATLANTA	WA4NNO	449.925	444.925	N	
ATLANTA	WA4YNZ	449.975	444.975	*	PTLR
ATLANTA/BELL	W4ZTL	449.15	444.15	*	AE
ATLANTA/MARIETTA	N4NFP	448.80	443.80	*	P
ATLANTA/MARIETTA	N4NEQ	449.05	444.05	*	
ATLANTA/MARIETTA	N4NEQ	449.775	444.775	*	PLE
ATLANTA/STONE MT	W4BOC	449.25	444.25	N	
AUGUSTA	N4JA	447.025	442.025	N	
AUGUSTA	AA4UA	449.40	444.40	*	
AUGUSTA	NA4I	449.95	444.95	*	
BRNSWK/JEKYLL IS.	KB4PXX	439.25	421.25	N	V
BRUNSWICK	K4TVE	449.975	444.975	N	O
CALHOUN/JASPER	KC4AQS	448.375	443.375	*	BP
CHATSWORTH	N4OGF	448.00	443.00	N	
CONYERS	WB4JEH	447.55	442.55	*	
CONYERS	WB4JEH	449.55	444.55	*	
CONYERS	N4EMM	449.75	444.75	*	PL
COVINGTON	KL7TF	448.75	443.75	*	
COVINGTON	WA4ASI	449.80	444.80	*	AL
DACULA	KK4IN	448.55	443.55	*	ALCR
DALLAS	WD4LUQ	449.70	444.70	*	
DALTON	N4BZJ	449.85	444.85	*	
DECATUR	N3APR	447.20	442.20	N	A
DECATUR	WB4LBM	449.20	444.20	N	
ELLIJAY	W4HHH	447.70	442.70	*	C
ELLIJAY TALONA M	W4HHH	449.70	444.70	*	O
ELLIJAY-BUCK MTN.	N4YYD	448.35	443.35	*	
GAINESVILLE	W4NSO	447.625	442.625	*	PERL
GRIFFIN	WB4GWA	448.90	443.90	*	PT
HAMILTON	WB4ULJ	449.40	444.40	N	BPR
HAMPTON	N4RDM	448.40	443.40	N	PRP
HIGH HOUSE	KD4APP	448.20	443.20	*	
HIGH PT/LOOKT MT.	KB4VAK	448.45	443.45	N	
JASPER	KB4MDE	448.425	443.425	N	
JASPER	KB4IZF	449.375	444.375	*	BPLR
JESUP	N4PJR	449.925	444.925	*	
LAVONIA	K4NVG	447.475	442.475	*	PB
LAWRENCEVILLE	WB4QDX	449.00	444.00	N	
LAWRENCEVILLE	KC4LU	449.40	444.40	*	BR
MACON	K4VTT	447.275	442.275	*	ABELF
MARIETTA	KM4BA	448.60	443.60	N	PT
MARIETTA	KM4BA	448.70	443.70	N	
MARIETTA	KM4BA	449.325	444.325	N	PTO
NEWNAN	N4EBZ	449.675	444.675	N	P
PERRY	KB4KIN	449.95	444.95	*	PL
RINGGOLD	WA4LJU	448.925	443.925	N	
ROCKMART	KC4KLW	448.275	443.275	*	AB
ROCKY FACE	AA4EO	447.175	442.175	N	
ROSSVILLE	N4PLP	447.125	442.125	N	C
SAVANNAH	WA4VHP	439.25	426.25	N	ABV
SAVANNAH	KC4AZU	447.70	442.70	N	C
SMYRNA	N4IBW	449.65	444.65	N	
STOCKBRIDGE	N4JMD	448.325	443.325	N	PTR
STOCKBRIDGE	N4JMD	448.325	443.325	N	PTL
STONE MT	N4MSE	449.025	444.025	N	
TIFTON	KF4JF	449.35	444.35	N	
TYRONE	K4NEF	449.55	444.55	N	
VALDOSTA	N4ELN	449.70	444.70	N	T
WALESKA/PNLOG MT	KE4PN	448.85	443.85	N	L
WALUSKA/PINE LOG	WB4YSV	443.85	448.85	N	NB
WARM SPRINGS	KN4FE	447.40	442.40	N	
WATKINSVILLE	N4NFA	449.725	444.725	*	RPEL

920 MHZ

DALTON	N4BZJ	907.10	919.10	*	PR

1270 MHZ

ATL/CHESTNUT MT	W4DOC	291.40	271.40	N	
ATLANTA/BELL	KB4KIN	272.00	292.00	*	

KENTUCKY REPEATERS

6 METERS

GUTHRIE	KA4ZKL	52.23	53.23	N	C
LOUISVILLE	WB4LBR	52.025	53.025	N	
STANTON	WD4KNE	52.81	53.81	N	P

2 METERS

ASHLAND	KD4SN	146.34	146.94	*	P
ASHLAND	KA4DII	147.84	147.24	*	P
ASHLAND	WA8KWH	147.93	147.33	*	A
BAXTER	WM4H	147.78	147.18	N	A
BENTON	WG4U	147.72	147.12	N	
BEREA	KI4B	146.115	146.715	N	
BETSY LAYNE	WA4YCU	146.035	146.635	N	
BOWLING GREEN	WD4MNI	146.055	146.655	*	PER
BOWLING GREEN	KA4CLL	146.25	146.85	N	
CALVERT CITY	KA4KFD	147.705	147.105	N	AC
CAMPBELLSVILLE	WA4UXJ	146.04	146.64	*	
CLARKSON	N4PXK	144.89	145.49	N	
CORBIN	WD4KWV	146.01	146.61	*	P
COVINGTON	WB8NON	144.81	145.41	*	
COVINGTON	WB8NON	147.99	147.39	*	A
DAWSON SPRINGS	N4STY	146.13	146.73	*	
DEANE	AK4U	144.61	145.21	N	L
DIXON	WD4RBI	147.78	147.18	N	
ELIZABETHTOWN	W4BEJ	146.38	146.98	*	AL
ELKHORN CITY	WB4WAU	147.60	147.00	*	
ERLANGER	N4BOP	144.61	145.21	N	
FAIR DEALING	N4AVE	147.84	147.24	N	
FERN CREEK	WB4NSY	146.16	146.76	N	A
FRANKFORT	K4NGQ	147.075	147.675	N	
FRANKFORT	KC4AI	147.84	147.24	N	
GLASGOW	KA0BKD	144.81	145.41	N	L
GLASGOW	W4WZH	146.34	146.94	*	A
GRAYSON	KF4JO	146.10	146.70	N	
GRETHEL	KJ4VF	147.645	147.045	N	C
GUTHRIE	KA4NNE	146.205	146.805	N	
HALLS GAP	WD8PRH	144.57	145.17	*	AL
HARLAN	WA4ZAC	147.69	147.09	N	
HAZARD	K4VHF	146.07	146.67	*	B
HENDERSON	W4KVK	144.89	145.49	*	
HENDERSON	K4DPP	146.37	146.97	*	
HIGHLAND HEIGHTS	K4CO	147.855	147.255	*	
HOPKINSVILLE	WA4ZVL	147.63	147.03	N	A
INDEPENDENCE	K4JBV	146.295	146.895	*	A
IRVINGTON	WB4WVH	146.30	146.90	N	AE
LA GRANGE	N4RBL	144.75	145.35	*	
LA GRANGE	N4RBL	147.99	147.39	*	
LAWRENCEBURG	KK4PL	144.69	145.29	N	A
LEWISPORT	KN4KQ	146.085	146.685	N	A
LEXINGTON	N4YUU	144.73	145.33	N	P
LEXINGTON	KC4TX	144.85	145.45	N	P
LEXINGTON	K4KJQ	146.16	146.76	*	PE
LEXINGTON	W4AUZ	146.34	146.94	*	
LEXINGTON	WB4FDK	147.615	147.015	N	
LEXINGTON	WA4HBM	147.765	147.165	*	
LITCHFIELD	KB4NFK	147.825	147.225	*	
LONDON	KC4ZFH	147.885	147.285	N	C
LOUISA	WA4SWF	146.13	146.73	*	BER
LOUISVILLE	WB8PRH	144.63	145.23	N	L
LOUISVILLE	W4BDC	146.10	146.70	*	PEL
LOUISVILLE	W4OAU	146.28	146.88	*	P
LOUISVILLE	W4PJZ	147.63	147.03	*	PET
LOUISVILLE	N4NMC	147.67	147.07	*	PE
LOUISVILLE	W4CN	147.78	147.18	*	PE
LOUISVILLE	N4KWT	147.87	147.27	N	
LOUISVILLE	KQ9Z	147.96	147.36	*	A
LYNCH/BLACK MT	N4IZD	147.945	147.345	N	
MARION	KA4FGA	147.705	147.105	N	
MARION	KA4FGA	147.885	147.285	N	
MAYFIELD	WA4NAR	147.84	147.24	N	
MAYSVILLE	WA4WMM	144.87	145.47	*	P
MAYTOWN	AK4U	146.28	146.88	N	PLR
MIDDLESBORO	W4PPM	146.175	146.775	N	
MOREHEAD	KJ4VF	144.53	145.13	N	AC
MOREHEAD	K4GFY	146.31	146.91	*	
MT. STERLING	WD4KNE	147.93	147.33	*	P
MURRAY	WB4NTB	146.34	146.94	*	A
NICHOLASVILLE	WB4CWF	144.89	145.49	*	PE
OWENSBORO	NW4A	147.63	147.03	N	
OWINGSVILLE	N4TLP	147.675	147.075	*	A
OXFORD	WD8PRH	144.63	145.23	*	AL
PADUCAH	K4CUW	146.16	146.76	N	
PADUCAH	W4WQ	147.66	147.06	N	
PAINTSVILLE	K4ICN	147.735	147.135	*	RL
PAINTSVILLE	AK4U	146.19	146.79	N	PL
PHELPS	KJ4YK	147.69	147.09	*	R
PIKEVILLE	N4IWZ	144.55	145.15	*	RPE
PIKEVILLE	KM4IV	146.25	146.85	*	ELR
PRESTONSBURG	WB4UBY	147.765	147.165	*	
PRESTONSBURG	AK4U	147.90	147.30	N	ERC
PRINCETON	W4KBL	146.07	146.67	N	
PROVIDENCE	N4IUI	147.93	147.33	N	
RABBIT HASH	WA4OCP	146.355	146.955	N	
RADCLIFF	W4BEJ	146.325	146.925	*	AL
RINEYVILLE	KE4NS	146.355	146.955	*	
SALEM	N4IL	147.915	147.315	*	P
SHELBYVILLE	KE4LR	147.60	147.00	*	BP
SOMERSET	N4AI	146.28	146.88	*	
SOMERSET	N4AI	146.34	146.94	*	AL
SPRINGFIELD	WA4SJH	147.90	147.30	N	A
STANTON	KC4TUK	146.37	146.97	N	ARC
UNION CITY (TN)	WA4YGM	146.10	146.70	*	
VERSAILLES	WA4ZXK	146.13	146.73	N	O
WALTON	K4CO	147.975	147.375	*	
WHTSBRG/PINE MT.	WD4PDJ	147.99	147.39	N	
WINCHESTER	WB4ASZ	147.72	147.12	*	AE

This SERA Official
Repeater Index Reflects
Changes thru October 27, 1991

220 MHZ

ASHLAND	KC4QK	222.34	223.94	*	
AUGUSTA	KC4UXD	222.32	223.92	N	PC
LEXINGTON	WB8VMI	222.14	223.74	*	
LEXINGTON	N4YUU	223.34	224.94	N	
LOUISVILLE	KA4MKT	222.70	224.30	N	
LOUISVILLE	KB4VEZ	222.82	224.42	*	A
LOUISVILLE	W4MOP	223.22	224.82	N	P
PIKEVILLE	WB4F	222.98	224.58	N	
PIKEVILLE	N4ETG	223.02	224.62	N	A
VERSAILLES	WA4ZXK	222.62	224.22	N	PER

440 MHZ

ASHLAND	KA4MKG	449.925	444.925	N	C
ASHLAND	WB4TAT	449.975	444.975	*	
BOWLING GREEN	WD4MNI	449.10	444.10	*	LC
CORBIN	WB4IVB	449.90	444.90	N	CR
DORTON	KJ4VF	448.25	443.25	N	CR
ELIZABETHTOWN	W4BEJ	449.80	444.80	*	AL
GLASGOW	W4WZH	449.925	444.925	N	C
GLASGOW/CVCTY	KF4DC	449.25	444.25	N	
GRETHEL	KJ4VF	449.525	444.525	N	
HAWESVILLE	KB4QFL	449.625	444.625	N	CP
HENDERSON	N9APA	449.50	444.50	N	
HIGHLAND HEIGHTS	WA4OCP	449.35	444.35	*	
HIGHLAND HEIGHTS	W4YWH	449.90	444.40	*	C
JENKINS	KK4WH	449.30	444.30	N	PLRC
LA GRANGE	N4RBL	447.45	442.45	*	CPT151.4
LA GRANGE	N4RBL	449.40	444.40	*	
LATONIA	AA4XV	447.40	442.40	N	P
LEWISPORT	KN4KQ	449.55	444.55	N	AR
LEXINGTON	N4YUU	449.85	444.85	N	
LEXINGTON	WD4EJA	449.95	444.95	N	
LOUISVILLE	N4ORL	447.00	442.00	N	RP
LOUISVILLE	N4KWT	447.225	442.225	N	
LOUISVILLE	WA4MLF	447.50	442.50	*	AL
LOUISVILLE	KB4YJ	447.725	442.725	N	CT
LOUISVILLE	WD9EQC	448.50	443.50	N	
LOUISVILLE	KA4WTT	449.10	444.10	*	PER
LOUISVILLE	WB4ZZD	449.30	444.30	*	
LOUISVILLE	W4MOP	449.50	444.50	N	P
LOUISVILLE	N4NMC	449.60	444.60	*	
LOUISVILLE	WA4AUN	449.70	444.70	N	
LYNCH/BLACK MT	N4IZD	448.10	443.10	N	
MAYTOWN	AK4U	449.20	444.20	N	L
META	WB4UBY	448.50	443.50	N	C
NICHOLASVILLE	WB4CWF	449.975	444.975	N	CR
OAK LEVEL	NN2E	449.20	444.20	N	A
OWENSBORO	WB4AOH	439.25	427.25	N	V
SALEM	WA4Q	449.825	444.825	N	C
SPRINGFIELD	WA4SJH	444.60	449.60	N	
STANTON	N4VOS	447.075	442.075	N	CRP
UNION	KC4COV	449.175	444.175	*	AR

MISSISSIPPI REPEATERS

10 METERS

POPLARVILLE	WA5WRE	29.52	29.62	N	O

6 METERS

LAUREL	N5DWU	52.01	53.01	*	L

2 METERS

ABERDEEN	WB5USN	147.87	147.27	N	A
ACKERMAN	NO5N	147.72	147.12	N	
AMORY	KB5DSN	147.69	147.09	N	
BAY ST. LOUIS	N5GY	146.10	146.70	N	
BAY ST. LOUIS	K0VNO	146.25	146.85	N	
BILOXI	KC5IF	146.13	146.73	*	APER
BILOXI	K5TYP	146.19	146.79	*	AB
BLUE MT.	N5CAX	146.07	146.67	N	A
BOONEVILLE	WA5TEF	144.59	145.19	N	
BUDE	K5JMD	146.25	146.85	N	
CHATAWAH	WB5GOJ	144.71	145.31	N	PR
CLEVELAND	K5BWW	146.25	146.85	N	
CLINTON	AA5JC	147.945	147.345	N	PR
COLUMBIA	KB5EZN	147.885	147.285	N	P
COLUMBUS	KA5VOF	144.61	145.21	N	O
COLUMBUS	KA5VOF	147.60	147.00	N	A
CORINTH	WB5VOJ	146.325	146.925	N	
CORINTH	K5UFH	146.40	147.00	N	
ELLISVILLE	N5DWU	147.465	146.865	*	PLT
ESCATAWPA	W5OXA	147.825	147.225	N	L
GREENVILLE	WA5MBA	146.22	146.82	N	A
GREENWOOD	KA5TQY	146.115	146.715	N	
GRENADA	WB5LVA	146.10	146.70	N	
GULFPORT	KA5CYR	144.73	145.33	*	A
GULFPORT	KA5VFU	147.975	147.375	*	L
HATTIESBURG	KA5NNX	144.77	145.37	N	
HATTIESBURG	W5CJR	147.96	147.36	*	
HERNANDO	K5VV	146.31	146.91	N	A
HORNLAKE	N5NBG	144.67	145.27	N	
INVERNESS	WA5UDQ	147.78	147.18	N	
ISOLA	KC5OB	146.355	146.955	*	
IUKA	WB5MFK	146.25	146.85	N	A
JACKSON	W5ITL	146.04	146.64	N	E
JACKSON	W5AXQ	146.16	146.76	N	
JACKSON	KB5II	146.28	146.88	N	AE
JACKSON	KA5SBK	146.34	146.94	N	T
JACKSON	NC5Y	147.675	147.075	N	AT
KOSCIUSKO	W5LWC	146.25	146.85	N	
LAUREL	N5KKG	146.01	146.61	*	A
LAUREL	WV5D	146.43	147.03	*	
LAUREL	KC5RC	147.855	147.255	N	
LOUISVILLE	N5KCG	147.96	147.36	*	A
MAGEE	KG5MZ	146.22	146.82	*	TLC
MAGEE	KA5LNY	147.90	147.30	*	P
MCCOMB	K5JMD	146.34	146.94	N	A
MCHENRY	KA5CYR	147.93	147.33	*	
MENDENHALL	K5HYE	144.51	145.11	*	PR
MERIDIAN	W5DEJ	146.10	146.70	*	A
MERIDIAN	KA5MJM	146.37	146.97	N	RP
MONTICELLO	N5JHK	147.615	147.015	N	PR
MOOREVILLE	WB5NAY	146.04	146.64	N	A
N.BILOXI/D'IBERV	KC5IF	144.81	145.41	*	APER
NATCHEZ	W5KHB	146.085	146.685	N	
NATCHEZ	K5OCM	146.31	146.91	*	A
NATCHEZ	K5SVC	147.96	147.36	N	
NEW HEBRON	N5MRS	147.69	147.09	N	AEATLRB
OCEAN SPRINGS	W5LDD	147.63	147.03	*	A
OLIVE BRANCH	KA5WMH	144.75	145.35	N	C
PASCAGOULA	N5AAY	146.28	146.88	N	A
PASCAGOULA	KB5KYB	146.37	146.97	*	
PEARL	N5III	147.75	147.15	N	
PETAL	N5LRQ	147.735	147.135	N	
PHILADELPHIA	N5EPP	147.93	147.33	*	
PICAYUNE	K5LFP	144.55	145.15	*	A
PONTOTOC	WB5NAY	147.98	147.38	N	
POPLARVILLE	WA5WRE	144.61	145.21	N	OA
PORT GIBSON	KE5WO	146.025	146.625	N	
PRENTISS	WB5UNA	147.99	147.39	*	
SENATOBIA	KB5DMT	146.385	146.985	N	
SOUTHAVEN	N5PYQ	144.77	145.37	N	O
STARKVILLE	W5VZF	146.13	146.73	*	
TUPELO	AI5R	147.84	147.24	N	A
VICKSBURG	WJ5L	144.69	145.29	N	
VICKSBURG	WB5SXK	147.87	147.27	N	
WATER VALLEY	WB5QFX	146.40	147.00	*	
WAYNESBORO	N5HXG	147.705	147.105	N	PR
WEST POINT	KO5S	146.19	146.79	N	A
WIGGINS	KB5DZJ	144.67	145.27	*	L
WINONA	N4DHS	146.37	146.97	N	

220 MHZ

ACKERMAN	NM5D	223.18	224.78	N	
ACKERMAN	NM5D	223.22	224.82	N	
BAY ST. LOUIS	K5GY	223.10	224.70	N	
BAY ST. LOUIS	K0VNO	223.28	224.88	N	
BILOXI	K5TYP	222.90	224.50	N	
ELLISVILLE	N5DWU	222.80	224.40	*	PL
GLEN	KA5RPB	223.92	224.52	*	
PASCAGOULA	KB5KYB	222.72	224.32	*	PR
PONTOTOC	KE5ST	223.30	224.90	N	

440 MHZ

ACKERMAN	NM5D	448.65	443.65	N	
ACKERMAN	NM5D	449.90	444.90	N	
AMORY	KB5DSN	449.825	444.825	N	
CLERMONT HARBOR	WD5BJT	449.15	444.15	N	A
ELLISVILLE	N5DWU	448.90	443.90	*	AE
GULFPORT	KA5CYR	449.25	444.25	*	A
JACKSON	KA5WRX	449.00	444.00	N	
JACKSON	KB5LCL	449.45	444.45	N	T141.3
JACKSON	KB5CO	449.60	444.60	N	PT
JACKSON	NC5Y	449.70	444.70	N	
JACKSON	KB5CO	449.80	444.80	N	
JACKSON	KA5AGD	449.975	444.975	N	
LAUREL	AJ0X	448.50	443.50	*	ABR
MENDENHALL	K5HYE	448.60	443.60	*	
MERIDIAN	WA5WUX	449.10	444.10	N	PEL
MERIDIAN	KB5LTW	449.40	444.40	*	BER
N.BILOXI/D'IBERV	KC5IF	449.55	444.55	*	APER
NATCHEZ	N5IAT	448.80	443.80	*	A
NEW ALBANY	WB5YCR	449.15	444.15	N	O
NEW HEBRON	N5MRS	449.525	444.525	N	A
PONTOTOC	KE5ST	449.65	444.65	N	
POPLARVILLE	WA5WRE	449.85	444.85	N	
RICHTON	N5OCF	449.625	444.625	*	RP
SOUTHAVEN	N5PYQ	449.925	444.925	N	O
STARKVILLE	W5VZF	449.75	444.75	*	PR
VICKSBURG	WB5TTE	449.925	444.925	N	PR

NORTH CAROLINA REPEATERS

10 METERS

MAYODAN	WA4ACP	29.56	29.66	N	T
NEWPORT	K4GRW	29.56	29.66	N	PR
WILKESBORO	KC4XE	29.52	29.62	*	L

6 METERS

GRANDFATHER MTN	WA4PXV	52.05	53.05	*	RL
MARS HILL	WB4PLA	52.09	53.09	N	P
NEWPORT	K4GRW	52.01	53.01	N	PR
RALEIGH	WA4PEN	52.03	53.03	*	O
RALEIGH/BUTNER	WB4RZF	52.25	53.25	N	C
SAURATOWN MT	N4QLX	52.21	53.21	N	
STATESVILLE	WA4WRS	52.67	53.67	*	C
THOMASVILLE	K4AZA	52.525	52.525	*	RB

MORE NORTH CAROLINA REPEATERS

2 METERS

AHOSKIE	WB4YNF	144.53	145.13	*	A
AHOSKIE	WA4ZGQ	146.31	146.91	*	P
ALBEMARLE	K4OGB	146.385	146.985	*	A
ANDREWS/ROBBINSV	K4AIH	146.445	147.045	*	EL
AQUADALE	WA4CHZ	147.99	147.39	N	
ASHEBORO	KJ4AV	147.855	147.255	*	PL
ASHEVILLE	WA4QCO	146.235	146.835	N	
ASHEVILLE	N4UQS	147.825	147.225	*	A
ASHVL/MT PISGAH	WA4BVW	146.16	146.76	*	
ASHVL/SPIVEY MT	W4MOE	146.31	146.91	*	A
BAKERSVILLE	KC4WPM	144.71	145.31	*	ABE
BENSON	AK4H	147.87	147.27	*	P
BEULAVILLE	N4VBH	144.63	145.23	*	A
BOONE/RICH MTN	WA4KDB	147.96	147.36	*	A
BREVARD/RICH MTN	WB4CJS	147.735	147.135	*	A
BURGAW	W4DLH	146.34	146.94	*	
BURLINGTON	WA4YGD	146.07	146.67	*	A
BURLINGTON	WA4HBQ	147.675	147.075	N	E
BURNSVILLE	N4YN	147.975	147.375	N	A
CARTHAGE	W4NIW	147.84	147.24	*	PK
CHARLOTTE	W4BFB	144.63	145.23	*	
CHARLOTTE	W4BFB	144.69	145.29	*	A
CHARLOTTE	WA4AOS	144.75	145.35	N	L
CHARLOTTE	W4BFB	146.34	146.94	*	A
CHARLOTTE	W4CQ	146.46	147.06	*	A
CHARLOTTE	WD4PLY	147.99	147.39	N	P
CHERRY MT	WA4BKU	146.07	146.67	*	
CHERRYVILLE	K4JTX	144.55	145.15	N	
CLINTON	WA4LZD	146.19	146.79	N	
COLUMBIA	KB4TOH	144.51	145.11	N	CL
CONCORD/KANNAP.	K4CEB	146.055	146.655	*	PB
CROWDERS MT/GAST	WD4PLY	144.85	145.45	*	
DUNN	N4CID	146.10	146.70	*	P
DURHAM	WA4WTX	144.85	145.45	*	AL
DURHAM	WA4BFT	146.34	146.94	N	A
DURHAM	WD4LDB	147.96	147.36	*	A
EDEN	WA4ACP	147.84	147.24	N	T
EDEN/STONEVILLE	WA4QBG	147.99	147.39	*	
ELIZABETH CITY	WA4VTX	146.055	146.655	N	A
FAYETTEVILLE	N4EWG	146.205	146.805	*	
FAYETTEVILLE	WA4FLR	146.445	147.045	N	Y
FAYVLLE/CFARS	WB4YZF	146.31	146.91	N	P
FAYVLLE/FT BRAGG	W4LPL	147.93	147.33	N	
FOREST CITY	K4PBG	147.84	147.24	*	A
FRANKLIN	W4ZCZ	144.89	145.49	N	
FRANKLIN	W4GHZ	147.84	147.24	*	T151.4
GAST/SPCR MT	W4REW	147.72	147.12	*	A
GASTONIA	N0IZF	146.205	146.805	*	P
GIBSONVILLE	WB4IKY	144.89	145.49	*	ART
GIBSONVILLE	KB4WRP	146.475	147.075	*	
GIBSONVILLE	WC3V	147.72	147.12	*	OART
GOLDSBORO	K4CYP	146.25	146.85	*	P
GREENSBORO	N4GGD	144.65	145.25	*	EL
GREENSBORO	N4GGD	144.69	145.29	N	A
GREENSBORO	K4SNI	146.01	146.61	*	A
GREENSBORO	N4GGD	146.16	146.76	*	AER
GREENSBORO	W4GG	147.63	147.03	*	PL
GREENSBORO	W4BUZ	147.81	147.21	N	B
GREENVILLE	N4GVK	144.75	145.35	*	ABEL
GREENVILLE	K4ROK	147.975	147.375	N	A
GREENVL/ESTN NC.	W4GDF	147.69	147.09	*	
GRIFTON	W4NBR	146.085	146.685	*	
HALIFAX	AA4SJ	146.07	146.67	N	OA
HENDERSONVILLE	WB4YAO	146.04	146.64	N	L
HENDSVL/BERWLW M	WA4KNI	144.67	145.27	*	A
HENDSVL/PENIC/MT	WA4KNI	147.855	147.255	*	A
HICKORY/BRT. MT	WA4MDW	146.25	146.85	*	
HIGH POINT	N4XO	144.81	145.41	N	A
HIGH POINT	N4NNR	147.435	146.835	*	PL
HIGH POINT	WA4RIS	147.765	147.165	*	P
HILLSBOROUGH	WA4WTX	147.825	147.225	*	AL
JACKSONVILLE	WA4WGA	144.59	145.19	*	
JACKSONVILLE	WD4FVO	146.40	147.00	*	AE
JEFFERSON	W4YJG	147.90	147.30	*	A
KINSTON	W4OIX	144.87	145.47	*	A
LAURINBURG	KI4RR	146.025	146.625	*	PE
LENOIR	N4NIN	147.795	147.195	*	
LENOIR/HIBRITN	KN4K	147.93	147.33	*	
LEXINGTON	WD4ICX	144.71	145.31	N	AE
LEXINGTON	K4IZM	146.31	146.91	*	AE
LK NORMN/CLT	WB4KPF	147.615	147.015	N	P
LONG BEACH	K4JYH	146.175	146.775	*	
LUMBERTON	WV4Z	147.96	147.36	*	P
MACO	WA4LED	147.66	147.06	*	P
MADISON	KA4YFF	146.295	146.895	*	
MAGGIE VALLEY	W4HCY	147.405	146.805	N	O
MANTEO/WANCHESE	W4ACY	146.34	146.94	*	A
MARION	WD4PVE	146.385	146.985	N	A
MIDWAY	KM4AR	144.67	145.27	*	
MILLERS CREEK	N4GGN	146.115	146.715	*	A
MONROE	K4JJK	147.705	147.105	*	O
MONROE/UCARS	KF4NJ	144.79	145.39	*	P
MORGANTON	K4VLY	147.75	147.15	*	
MOUNTAIN HOME	K4GHH	147.705	147.105	*	
MT AIRY	N4XRY	146.34	146.94	*	
MT AIRY	N4XRY	146.37	146.97	*	
MT MITCHELL	WA4BVW	144.59	145.19	*	
MT. AIRY	KD4J	144.73	145.33	*	A
MURPHY	KC4WB	147.795	147.195	N	O
N. WILKESBORO	N4AGN	144.77	145.37	*	P
NAGS HEAD/BODIE	K4UOR	146.235	146.835	*	PE
NEW BERN	WD4JMS	146.01	146.61	*	AL
NEWPORT	K4GRW	144.85	145.45	N	ALO
NEWTON	AG4L	147.675	147.075	*	AER
NEWTON/ANDSN MT	W4ZQB	144.57	145.17	*	
OXFORD	KA4RVS	144.57	145.17	N	P
OXFORD	WA4MII	144.77	145.37	*	
RALEIGH	N4BQF	144.67	145.27	N	PL
RALEIGH	K4BWC	144.89	145.49	*	BY
RALEIGH	W4DW	146.04	146.64	*	PE
RALEIGH	K4BWC	146.13	146.73	*	PB
RALEIGH	WB4TQD	146.28	146.88	*	L
RALEIGH	WB4TQD	147.75	147.15	*	P
RANDLEMAN/GBO	WD4CVM	144.55	145.15	*	L
RED SPRINGS	W4MZP	147.90	147.30	*	P
REIDSVILLE	K4YFT	146.25	146.85	N	
ROANOKE RAPIDS	WA4DTS	147.63	147.03	N	P
ROARING GAP	WB4PZA	146.22	146.82	*	O
ROCKINGHAM	WA4ULA	146.355	146.955	N	
ROCKY MOUNT	K4EWL	147.72	147.12	*	PE
SALISBURY	W4EXU	146.13	146.73	*	ELR
SANFORD	WB4EJJ	147.78	147.18	*	A
SAURATOWN MT	W4RXG	144.51	145.11	*	Y
SAURATOWN MT	W4NC	144.87	145.47	*	
SAURATOWN MT	N4QDK	146.19	146.79	*	P
SAURATOWN MT	K4JYH	147.915	147.315	*	
SELMA	KK4YP	147.615	147.015	*	C
SHALLOTTE	K4PPD	144.77	145.37	*	PE
SHALLOTTE	K4PPD	147.915	147.315	*	E
SHALLOTTE	N4FAU	147.99	147.39	N	PE
SHELBY	W4NYR	146.28	146.88	*	
SHELBY	W4NYR	147.945	147.345	*	P
SMITHFIELD	KD4JQ	146.37	146.97	*	A
SMITHFIELD	W2AC	147.99	147.39	*	
SPARTA/GREEN MT.	K4ITL	144.83	145.43	N	L
SPRING LAKE	WB4KDC	146.115	146.715	N	
STATESVILLE	KB4QP	146.085	146.685	*	PE
STATSVL/ASBRY MT	KB4QP	147.645	147.045	*	Y
SWANSBORO	KO4S	146.16	146.76	*	A
TABOR CITY	W4DCD	147.975	147.375	N	ALR
THOMASVILLE	K4AZA	146.40	147.00	*	LA
TRENTON	WB4TQD	144.61	145.21	*	L
TRYON/MELROSE MT	WB4SFK	147.78	147.18	N	C
TUCKASEGEE	W8OMV	147.90	147.30	N	
WADESBORO	W4USH	146.235	146.835	*	A
WASHINGTON	WA4TEP	147.945	147.345	N	
WAXHAW	WA4ZRS	147.465	146.865	*	P
WAYNESVILLE	N4SM	147.87	147.27	*	A
WHITEVILLE	K4MSD	147.81	147.21	*	AL
WILLIAMSTON	KA4KNU	144.81	145.41	*	A
WILMINGTON	W4VNK	146.13	146.73	*	PBO
WILMINGTON	K4GMP	146.22	146.82	*	LB
WILMINGTON	N4CTJ	147.78	147.18	N	AL
WILSON	WB4THL	146.16	146.76	*	A
WINSTON-SALEM	W4NC	146.04	146.64	*	AL
YADKINVILLE	N4XRY	146.415	147.015	N	
YAUPON BEACH	W4RPC	146.07	146.67	*	

220 MHZ

ANDREWS/ROBBINSV	K4AIH	223.28	224.88	*	TL
ASHEVILLE	NC4N	223.00	224.60	*	
ASHVL/MT PISGAH	WA4BVW	222.66	224.26	*	
BURNSVILLE	N4TFU	223.14	224.74	N	L
CANTON	N4DWU	223.22	224.82	*	P
CHARLOTTE	W4BFB	222.80	224.40	*	A
CHERRYVILLE	WB4UDS	223.36	224.96	N	
EDEN	WA4WGY	223.18	224.78	*	AR
FAYETTEVILLE	W4EHF	222.42	224.02	*	L
FAYETTEVILLE	W4EHF	222.96	224.56	N	
GOLDSBORO	WB3JVX	223.36	224.96	*	EPTL
GREENSBORO	WB4WOR	222.54	224.14	*	K
GREENSBORO	KC4HTS	223.22	224.82	*	PL
GRIFTON	WA4DAN	223.24	224.84	*	L
HENDERSONVILLE	N4UQS	223.36	224.96	*	
HENDSVL/BERWLW M	WA4KNI	222.64	224.24	*	
HIGH POINT	N4NNR	223.00	224.60	*	AL
HILLSBOROUGH	WA4WTX	222.34	223.94	*	L
JACKSONVILLE	WA4WGA	222.72	224.32	N	
LENOIR/HIBRITN	KN4K	222.56	224.16	*	
LINWOOD	KA4HUV	222.38	223.98	N	
LK NORMN/CLT	WB4KPF	223.08	224.68	N	
LOCUST	WA4ZIA	222.88	224.48	*	PL
MARS HILL	WB4PLA	223.06	224.66	N	L
MARSHALL	KA4TYO	222.76	224.36	N	L
MAYODAN MT	WA4ACP	222.62	224.22	N	T
MORGANTON	WB4PML	223.20	224.80	*	
MT MITCHELL	WA4BVW	222.94	224.54	*	
MT. TOXAWAY	K4MSK	223.12	224.72	N	
RALEIGH	WA4PEN	223.04	224.64	*	PL
ROCKY MOUNT	NF4C	222.62	224.22	*	AR
SALISBURY	W4EXU	223.16	224.76	*	L
SAURATOWN MT	WA4YHH	222.98	224.58	*	
SAURATOWN MT	W4RXG	223.10	224.70	*	OY
SAURATOWN MT	W4RXG	223.28	224.88	*	O
SAURATOWN MT	WA4WTB	223.36	224.96	*	
SHELBY	KC4ZTJ	222.86	224.46	N	
SPINDALE	KC4IEV	222.84	224.44	*	
STATESVILLE	WA4PVI	222.70	224.30	N	
SUNSET BEACH	AC4AM	223.06	224.66	*	
THOMASVILLE	K4AZA	222.32	223.92	*	LA
WILMINGTON	K4YNY	222.90	224.50	N	LR
WINSTON-SALEM	WA4YHH	223.04	224.64	*	RP

440 MHZ

AHOSKIE	WB4YNF	449.20	444.20	*	T
ANDREWS/ROBBINSV	K4AIH	448.65	443.65	*	L
ARCHDALE	KC4SVQ	448.30	443.30	*	R
ASHEVILLE	N4DWT	449.90	444.90	*	
BAKERSVILLE	KM4GR	447.75	442.75	*	C
CHARLOTTE	W4BFB	449.60	444.60	*	
CHARLOTTE	W4CQ	449.85	444.85	*	A
DURHAM	WA4WTX	449.10	444.10	*	AL
FAYETTEVILLE	WB4YZF	449.40	444.40	N	
FAYETTEVILLE	KB4ZW	449.90	444.90	N	PR
FOREST CITY	KC4YOQ	449.40	444.40	*	
GASTONIA	N0IZF	449.15	444.15	N	P
GASTONIA	WB4VTE	449.55	444.55	*	
GIBSONVILLE	WC3V	449.025	444.025	*	A
GIBSONVILLE	WC3V	449.35	444.35	*	C
GOLDSBORO	WB3JVX	448.05	443.05	*	ELT
GRANDFATHER MTN	WA4PXV	448.575	443.575	*	C
GREENSBORO	WD4PQZ	448.50	443.50	*	ALR
GREENSBORO	WB4WOR	449.30	444.30	*	C
GREENVILLE	AI4J	449.80	444.80	N	
HAW RIVER	K2MZ	448.875	443.875	*	T
HENDSVL/BERWLW M	WA4KNI	449.25	444.25	*	
HICKORY	K4JEQ	449.00	444.00	*	
HIGH POINT	N4LXW	448.70	443.70	N	
HIGH POINT	KB4JIF	448.90	443.90	N	
JACKSONVILLE	WA4WGA	449.675	444.675	N	
KANNAPOLIS	N4JEX	448.25	443.25	*	
LEXINGTON	WD4ICX	449.50	444.50	N	
LOCUST	WA4LBT	448.70	443.70	*	PL
MAYODAN	WA4ACP	447.10	442.10	N	
MT AIRY/FSH PK	KF4UY	449.825	444.825	*	LR
MT MITCHELL	N4DWU	448.60	443.60	*	
MT. AIRY	KF4UY	449.825	444.825	N	R
MT. AIRY	WA4CQK	449.925	444.925	N	
MURPHY	N4USU	447.60	442.60	*	T151.4
NEW BERN	WD4JMS	449.90	444.90	*	
PITTSBORO	WB4MMY	447.55	442.55	*	PT
POLKVILLE	KC4ZTJ	449.97	444.97	N	P
RALEIGH	N4BEA	447.15	442.15	N	L
RALEIGH	N4LMR	447.45	442.45	N	PR
RALEIGH	N4ZCM	448.25	443.25	N	CPRT
RALEIGH	WA4PEN	449.50	444.50	*	PL
RALEIGH	WA1WXL	449.95	444.95	N	
ROANOKE RAPIDS	KK4VM	449.55	444.55	N	
ROANOKE RAPIDS	KK4VM	449.55	444.55	N	
ROARING GAP	KC4XE	448.55	443.55	*	L
ROCKY MOUNT	N4JEH	449.70	444.70	*	BP
SALISBURY	N4MME	449.65	444.65	*	A
SAURATOWN MT	K4AZA	439.25	421.25	*	V
SAURATOWN MT	N4GGC	448.10	443.10	*	L
SAURATOWN MT	WA4WTB	448.40	443.40	*	C
SELMA	KK4YP	449.00	444.00	N	C
SHELBY	W4NYR	439.25	427.25	*	V
SMITHFIELD	WK2F	449.25	444.25	N	
SPINDALE	KC4IEV	448.30	443.30	*	
STATESVILLE	N4VOZ	448.45	443.45	N	A
SUNSET BEACH	AC4AM	447.625	442.625	*	
THOMASVILLE	K4AZA	447.90	442.90	*	L
WILMINGTON	K4YNY	447.500	442.500	N	ALR
WILMINGTON	K4GMP	449.85	444.85	*	B
WILSON	NE4J	449.90	444.90	*	O
YANCEYVILLE	N4VWK	449.225	444.225	N	A
YAUPON BEACH	W4RPC	448.40	443.40	*	

SOUTH CAROLINA REPEATERS

10 METERS

RKY RDG/WALLACE	KA4ABW	29.60	RMT.BS	N	R

6 METERS

PICKENS	WB4YXY	52.41	53.41	N	

2 METERS

AIKEN	W4TUN	144.57	145.17	*	A
AIKEN	N4ADM	147.885	147.285	*	P
ANDERSON	N4SZ	146.37	146.97	*	P
ANDERSON/SAS MT	W4FVV	146.19	146.79	*	B
AWENDAW	N4DRU	147.945	147.345	N	B
BAMBERG	WA4DFP	144.73	145.33	N	
BARNWELL	WA4FOF	147.63	147.03	*	
BIG KNOB/GREY CT	KB4YF	146.265	146.865	N	
CHARLESTON	WB4URP	144.65	145.25	N	
CHARLESTON	K4ILT	146.16	146.76	N	P
CHARLESTON	K4ILT	146.19	146.79	N	
CHARLESTON	WB4LET	147.87	147.27	*	PL
CHELSEA	KB4GY	144.71	145.31	*	
CHERAW	KA4ABW	147.735	147.135	N	AE
CHESTER	KB4FJX	146.025	146.625	N	T
COLUMBIA	KC4LB	144.83	145.43	N	P
COLUMBIA	WB4NEP	146.115	146.715	N	P
COLUMBIA	N4NUY	147.93	147.33	N	
COLUMBIA	N4EOY	147.96	147.36	N	L
CONWAY	WD4JMT	144.51	145.11	*	
DILLON/PEE DEE	NN4N	146.145	146.745	*	
DORCHESTER	W4NAT	147.78	147.18	*	
FLORENCE	W4ULH	146.25	146.85	*	A
FLORENCE	WA4ISM	146.37	146.97	*	A
FT MILL/CAROWND	AA4SC	147.78	147.18	*	
GAFFNEY	KN4RG	144.87	145.47	*	AB
GASTON	WB4NEP	144.61	145.21	N	P
GEORGETOWN	WD4DMI	147.975	147.375	N	
GREENVILLE	W4IQQ	146.34	146.94	*	T
GREENVILLE	K4LEO	147.975	147.375	*	T
GREENWOOD	K4VIA	147.765	147.165	*	P
GREENWOOD/HODGES	KB4CS	144.53	145.13	N	
GRNVLE/CSRS HD	W4NYK	146.01	146.61	*	
GRNVLE/PARIS MT	W4NYK	146.22	146.82	*	P
HILTON HEAD	W4ILN	147.84	147.24	*	
INMAN	WD8OXE	144.55	145.15	*	P

MORE SOUTH CAROLINA REPEATERS

LANCASTER	W4PAX	146.10	146.70	*	
LANCASTER	KC4AC	147.84	147.24	*	
LEXINGTON	KA4FEC	147.99	147.39	*	
LITTLE MT	K4AVU	147.81	147.21	N	
MARION	W4YLT	146.40	147.00	N	E
MONCKS CORNER	KA4BJM	147.75	147.15	N	
MT. PLEASANT	K4ESG	147.90	147.30	N	PT
MYB BCH/BRKSVIL	W4DCD	147.885	147.285	N	AL
MYRTLE BEACH	WA4DDK	144.87	145.47	N	T
MYRTLE BEACH	WD4JMT	147.72	147.12	*	E
N. AUGUSTA	W4DV	144.85	145.45	N	P
N. AUGUSTA	K4FKJ	146.13	146.73	*	
N. CHARLESTON	KC4PPL	147.60	147.00	*	
N. MYRTLE BEACH	K4HOG	147.63	147.03	*	P
N. SPARTANBURG	N4UZT	147.915	147.315	*	ABT141.3
NEWBERRY	KB4CO	146.085	146.685	N	
ORANGEBURG	N3FYC	146.205	146.805	N	C
ORANGEBURG	KC4WIF	146.28	146.88	N	ABL
ORANGEBURG	KM4RP	147.69	147.09	N	
PICKENS	WB4YXZ	146.40	147.00	N	
RKY RDG/WALLACE	KA4ABW	144.89	145.49	N	A
ROCK HILL	AA4PF	144.71	145.31	N	PL
ROCK HILL	K4YTZ	146.43	147.03	*	P
SANTEE	W4DTW	147.825	147.225	N	A
SENECA/LONG MT	WA4JRJ	147.87	147.27	N	P
SIMPSONVILLE	WD4BJY	146.13	146.73	*	
SIMPSONVILLE	WA4SDT	147.75	147.15	N	Y
SPARTANBURG	K4JLA	147.69	147.09	*	
ST. MATTHEWS	AD4U	146.07	146.67	*	ALE
SUMMERTON	N4LWY	144.55	145.15	N	P
SUMTER	WB4KIV	144.53	145.13	N	
SUMTER	WB4KIV	146.04	146.64	N	
SUMTER	WA4UMU	147.615	147.015	N	P
SUMTER/SHAW	W4VFR	147.66	147.06	*	A
WHITE HALL	W4BWZ	146.31	146.91	N	
WHITE OAK MTN	WD4MGM	147.885	147.285	*	

220 MHZ

AIKEN	W4TUN	223.36	224.96	*	TA
CHARLESTON	KA4NRL	223.04	224.64	N	BP
COLUMBIA	K4RWN	222.58	224.18	N	
COLUMBIA	WX4M	223.04	224.64	N	BP
COLUMBIA	N4EOY	223.30	224.90	N	LR
CROSS	KB4VFD	222.98	224.58	N	CA
FLORENCE	N4JJ	223.34	224.94	N	BP
GREER	W4ILY	222.60	224.20	N	A
LITTLE MT	KA4FEC	222.52	224.12	*	
LITTLE MTN	K4RWN	222.92	224.52	N	PB
ORANGEBURG	WB4TGK	223.26	224.86	N	BP
PARIS MT/GRNVL	W4NYK	223.32	224.92	*	
PICKENS	WB4QHF	222.80	224.40	*	BP
PICKENS/CSRS HD.	WB4QHF	222.54	224.14	*	LR
PICKENS/SASFR MT	AJ4N	222.72	224.32	*	
RIDGEVILLE	N4CII	222.50	224.10	*	
SUMTER	K4GYR	223.26	224.86	*	
WEST SPRINGS	KT4G	222.84	224.44	N	BP

440 MHZ

AIKEN	W4TUN	448.40	443.40	*	TA
ANDERSON/SAS MT	WD4BUH	449.925	444.925	*	
CAESARS HEAD	WB4LZQ	448.875	443.875	N	
CHARLESTON	N4MNH	449.30	444.30	*	A
COLUMBIA	KC4GYM	447.075	442.075	*	TB
COLUMBIA	N4EOY	448.00	443.00	N	LR
COLUMBIA	KC4GYM	448.50	443.50	*	T
COLUMBIA	KC4GYM	449.20	444.20	*	
CROSS	KB4VFD	447.30	442.30	N	CA
GREENVILLE	KB4PQA	447.25	442.25	*	O
GRNVLE/PARIS MT	ND4N	448.10	443.10	*	P
LEXINGTON	N4GUP	439.25	421.25	N	V
MYB BCH/BRKSVIL	W4DCD	449.525	444.525	N	ALR
PICKENS/CSRS HD.	WB4QHF	447.40	442.40	*	
SUMMERVILLE	WA4HNK	448.80	443.80	*	P
SUMTER	WA4UMU	439.25	423.25	N	V

SERA REPEATER SYMBOLS

*	Full Member Supporter	M	T-MARC Terr. Repeater
D	Delinquent Membership	NB	Not on SERA Freq. Plan
N	Non-Member SERA	O	Off the Air Temporarily
A	Autopatch (Open)	P	Private Autopatch
B	Emergency Power	PR	Proposed Coordination
C	Under Construction	R	Remote Base System
E	Emergency Autopatch	T	Tone Accessed
K	Packet Operation	V	Television (SSTV/ATV)
L	Linked Repeater	Y	RTTY Operation

NOTE: Some repeaters allow voice, as well as other functions on their machine. Generally the second function is indicated, but it does not necessarily mean the machine is solely operated in that mode. Operators may check with owners for information. Repeaters with normal input/output (pairs) are listed in the regular FM repeater index and their operation of Packet is indicated with "K". For tone-accessed repeaters, the codes column contains the tone or access code only for those repeaters which the owner or trustee has given us written permission to publish.

TENNESSEE REPEATERS

10 METERS

JACKSON	NQ4W	29.54	29.64	N	C
MEM/FISHERVILLE	N4DRL	29.58	29.68	*	AL
MEMPHIS	W4ZJM	29.52	29.62	N	L
NASHVILLE	WA4BZU	29.54	29.64	N	TLO
UNION CITY	WA4YGM	29.56	29.66	*	O

6 METERS

CHATTANOOGA	WB4LRD	52.01	53.01	N	
COOKEVILLE	WA4UCE	52.19	53.19	N	
GALLATIN	WD4KWP	52.45	53.45	N	L
GREENEVILLE	WB4NKM	52.01	53.01	*	
GUTHRIE (TN/KY)	KA4ZKL	52.23	53.23	N	
KNOXVILLE	WA4YON	52.25	53.25	N	
KNOXVILLE	WB4GBI	52.35	53.35	*	O
KNXVL/ENG MT	WB4IOB	52.15	53.15	*	A
MEM/FISHERVILLE	N4DRL	52.27	53.27	*	AL
MEMPHIS	WA4KOG	52.01	53.01	*	
MEMPHIS	K4RDK	52.55	53.55	N	
MORRISTOWN	KD4LP	52.23	53.23	*	
NASHVILLE	N4ARK	52.525	145.21	*	BR

2 METERS

ALAMO	WB4EDS	147.735	147.135	*	
ANDERSON COUNTY	WD4KUD	146.10	146.70	N	A
ATHENS	WA4PNI	144.71	145.31	*	
BENTON	K4SIR	144.85	145.45	N	T
BLOUNTVILLE	WA4KMG	147.60	147.00	*	
BLUFF CITY	KA4ZTK	147.885	147.285	*	BE
BRISTOL	WB4DKI	146.07	146.67	*	A
BRISTOL	WD4CYZ	146.28	146.88	N	
BRISTOL/HLSTN MT.	K4LSP	146.16	146.76	N	A
BROWNSVILLE	KB4YTU	144.83	145.43	N	PL
BROWNSVILLE	K4VIR	146.055	146.655	N	AB
CARTHAGE	N4OTT	144.59	145.19	*	P
CHATT/SIGNAL MT	AD4F	146.055	146.655	*	O
CHATTANOOGA	K4CMY	144.53	145.13	N	
CHATTANOOGA	K4VCM	144.69	145.29	*	
CHATTANOOGA	W4AM	144.79	145.39	*	A
CHATTANOOGA	K4CMY	146.01	146.61	*	
CHATTANOOGA	W4AM	146.19	146.79	*	A
CLARKSVILLE	WD4SGA	147.60	147.00	N	
CLARKSVILLE	AA4TA	147.99	147.39	*	A
CLEVELAND	W4GZX	146.31	146.91	*	A
COALFIELD	AA4UP	146.145	146.745	*	
COLLEGEDALE	KE4QS	147.60	147.00	*	PRP
COLLIERVILLE	KB4YGI	147.63	147.03	N	
COLUMBIA	WA4ZYX	147.72	147.12	*	A
COOKEVILLE	NQ4Y	144.51	145.11	N	
COOKEVILLE	WA4UCE	144.83	145.43	N	A
COOKEVILLE	K4HKZ	147.645	147.045	N	C
COOKEVILLE	N4WS	147.81	147.21	*	PRE
COVINGTON	WA4KOG	144.85	145.45	*	PR
COVINGTON	WA4VXW	147.93	147.33	N	PLK
CRAB ORCHARD	KA4QYI	146.04	146.64	*	C
CUMBERLAND CITY	WD4DBJ	144.73	145.33	*	
DAYTON/RHEA CTY.	K4PHT	147.99	147.39	N	
DECATUR-PONE KB	W4RJC	144.55	145.15	*	
DOVER	N4VIH	144.81	145.41	N	
DYERSBURG	WB4RCK	146.145	146.745	N	
EASTVIEW	WA4GZX	144.79	145.39	N	
ERWIN	WB4BRV	144.65	145.25	N	AL
FAYETTEVILLE	KO4G	146.265	146.865	N	
FAYETTEVILLE	W4NIQ	147.63	147.03	N	BP
FISHERVILLE	N4DRL	144.65	145.25	*	
FRANKLIN	KK4IY	146.385	146.985	*	
FRUITLAND	NU5O	144.67	145.27	*	
GALLATIN	WD4BKY	147.84	147.24	*	L
GALLATIN	WA4YQC	147.87	147.27	*	PL
GERMANTOWN	KA4ATI	147.69	147.09	N	
GRAY	WD4SBX	144.51	145.11	*	A
GRAY/HOLSTON MT	WD4SBX	147.81	147.21	*	
GREENBRIER	WQ4E	146.22	146.82	N	PR
GREENBRIER	WQ4E	147.675	147.075	N	B
GREENEVILLE	K4EPC	144.79	145.39	*	
GREENEVILLE	WB4NKM	144.81	145.41	*	
GRNVLE/VIKING MT.	KB4UG	147.66	147.06	*	R
GTLBG/COVE MTN	WA4KJH	146.25	146.85	N	LE
GUTHRIE (TN/KY)	KA4NNE	146.205	146.805	N	
HENDERSON	K4TC	147.705	147.105	N	PE
HENDERSONVILLE	WB4WZK	144.67	145.27	*	PT
HENDERSONVILLE	N4WF	147.945	147.345	N	
HOHENWALD	KE4KO	144.85	145.45	*	
HUMBOLDT	NQ4Y	144.75	145.35	N	AL
JACKSON	WB7BOX	144.51	145.11	N	AL
JACKSON	KF4SC	144.71	145.31	N	A
JACKSON	W4WKZ	147.81	147.21	N	A
JAMESTOWN	K4NLP	147.69	147.09	*	
JASPER	KD4XX	144.59	145.19	*	A
JOHNSON CITY	WB4SQC	144.69	145.29	*	P
JOHNSON CITY	W4ABR	146.19	146.79	N	A
JOHNSON CITY	KE4FH	147.87	147.27	N	A
KNGSPT/BAYS MT	W4TRC	146.37	146.97	*	P
KNOXVILLE	N4IJL	144.51	145.11	N	O
KNOXVILLE	WB4GBI	144.57	145.17	*	
KNOXVILLE	W4BBB	144.61	145.21	*	A
KNOXVILLE	WA4TEM	144.73	145.33	*	AR
KNOXVILLE	N4GRC	144.77	145.37	*	
KNOXVILLE	N4IUA	144.83	145.43	N	
KNOXVILLE	WB4GBI	144.87	145.47	*	
KNOXVILLE	WB4GBI	146.025	146.625	*	
KNOXVILLE	WB4GBI	146.34	146.94	*	
KNOXVILLE	KA4AZQ	146.40	147.00	*	
KNOXVILLE	WB4GBI	147.675	147.075	*	A
KNOXVILLE	W4BBB	147.90	147.30	*	
KNXVL/ENG MT	WB4IOB	146.13	146.73	*	
LAFAYETTE	KC4ECD	144.71	145.31	*	ET
LAFOLLETTE	KA4OAK	144.53	145.13	N	A
LAFOLLETTE	KA4OAK	147.96	147.36	N	
LAFOLLETTE/WMT	K4BGW	146.07	146.67	N	
LAKE CITY	WB4OAH	146.22	146.82	*	A
LAVERNE	KJ4RA	144.63	145.23	N	
LEBANON	WB4DOR	144.79	145.39	N	
LEBANON	WD4JVV	147.615	147.015	N	
LENOIR CITY	KB4PIO	146.085	146.685	N	P
LEXINGTON	WD4MVR	146.43	147.03	N	
MANCHESTER	W4UOT	146.10	146.70	*	A
MARTIN	WA4ZQX	146.025	146.625	*	A
MAYNARDVILLE	KB4KIE	144.63	145.23	N	E
MCMINNVILLE	WD4MWQ	146.37	146.97	*	P
MCMINVL/SHT MT	W4KKO	144.89	145.49	*	
MCNAIRY	NU5O	147.675	147.075	*	
MEDINA	K4BEZ	146.37	146.97	N	A
MEM/FISHERVILLE	N4DRL	144.73	145.33	*	AL
MEMPHIS	K0JXI	144.55	145.15	N	
MEMPHIS	KA0BRN	144.57	145.17	N	ALT
MEMPHIS	WA4VIP	144.81	145.41	N	
MEMPHIS	WA4KOG	144.89	145.49	*	
MEMPHIS	WB4NNE	146.04	146.64	N	O
MEMPHIS	W4UFT	146.10	146.70	N	
MEMPHIS	WB4DAZ	146.13	146.73	N	P
MEMPHIS	WA4HBY	146.19	147.51	N	NB
MEMPHIS	W4BS	146.22	146.82	*	P
MEMPHIS	WA4KOG	146.25	146.85	*	A
MEMPHIS	WA4ETE	146.28	146.88	*	AL
MEMPHIS	N4BSM	146.34	146.94	*	A
MEMPHIS	W4ZJM	146.40	147.00	N	
MEMPHIS	WA4MQQ	147.66	147.06	N	
MEMPHIS	KA4GMV	147.72	147.12	N	AT
MEMPHIS	WA4KOG	147.78	147.18	*	
MEMPHIS	WA4OWI	147.87	147.27	N	
MEMPHIS	WA4ADT	147.90	147.30	N	PL
MEMPHIS	WB4MMI	147.96	147.36	N	TA
MORGAN COUNTY	WD4ORB	147.93	147.33	*	
MORRISTOWN	KD4LP	144.85	145.45	*	B
MORRISTOWN	KD4LP	147.63	147.03	N	E
MORRISTOWN	WB4OAH	147.825	147.225	*	A
MOUNTAIN CITY	WD4OMO	144.87	145.47	N	
MURFREESBORO	WB4LHO	144.57	145.17	N	
NASHVILLE	N4ARK	144.61	145.21	*	BLR
NASHVILLE	K4UVH	144.69	145.29	N	
NASHVILLE	KI4OG	144.77	145.37	N	AR
NASHVILLE	N4ARK	144.87	145.47	*	BP
NASHVILLE	WA4PCD	146.01	146.61	N	PO
NASHVILLE	W4PQP	146.16	146.76	N	
NASHVILLE	W4SQE	146.19	146.79	*	
NASHVILLE	WA4PCD	146.25	146.85	N	P
NASHVILLE	WA4TOA	146.28	146.88	*	P
NASHVILLE	WA4PCD	146.34	146.94	N	
NASHVILLE	K4AYN	147.645	147.045	N	
NASHVILLE	WA4PCD	147.75	147.15	N	
NASHVILLE	WA4PCD	147.78	147.18	N	
NASHVILLE	WA4BZU	147.855	147.255	N	TP
NASHVILLE	WB4ZSA	147.90	147.30	N	P
NASHVILLE	WB4NTM	147.96	147.36	*	ATL
NASHVILLE W.	WB4NTM	146.04	146.64	*	AT
NASHVILLE W.	WB4NTM	146.07	146.67	*	ATL
NASHVLE/FAIRVIEW	N4ARK	144.51	145.11	*	B
OAK RIDGE	W4SKH	146.28	146.88	*	
OAK RIDGE	W4SKH	146.37	146.97	*	A
OAK RIDGE	K4EAJ	147.72	147.12	*	
OAK RIDGE	K4EAJ	147.75	147.15	*	LT
OAKFIELD	WA4BJY	147.99	147.39	*	PRT
PARIS	K4KLX	147.96	147.36	N	A
PETROS/FRZ HD MT	KJ4SI	147.855	147.255	*	AER
PIKEVILLE	K4PUX	147.885	147.285	*	
PINSON	WB0TMC	147.87	147.27	N	C
POCAHONTAS	WB4MMI	147.96	147.36	N	
POLK CTY/OSWALD	WD4DES	147.78	147.18	N	A
PULASKI/MUSIC MT.	W4JVO	146.175	146.775	N	E
PURYEAR	WA4CEX	147.765	147.165	*	
RAMER	WB4MMI	147.945	147.345	N	
ROCKWOOD	AA4KS	147.615	147.015	*	AE
SALTILLO	KB4JUB	146.115	146.715	N	
SAVANNAH	WB4DQU	146.31	146.91	N	
SEV/SHIELDS MT	N4CJX	144.67	145.27	N	O
SHELBYVILLE	KC4KRM	144.65	145.25	*	
SHELBYVILLE	W4QEB	147.66	147.06	N	A
SHORT MTN	W4YXA	146.31	146.91	N	
SPRING HILL	NW4E	144.85	145.45	N	A
SULPHUR SPRINGS.	WD4OBW	146.325	146.925	*	CL
TRENTON	KN4KP	146.265	145.865	N	AENB
UNION CITY	WA4YGM	146.10	146.70	*	A
UNION CITY	WA4YGM	147.615	147.015	*	OAR
WATERTOWN	KE4WA	146.13	146.73	N	T
WATERTOWN	N4IDG	146.235	146.835	*	P
WINCHESTER	W4SFF	146.22	146.82	*	A

220 MHZ

BLOUNTVILLE	WA4KMG	222.60	224.20	*	
BROWNSVILLE	KB4YTU	222.60	224.20	N	PL
CHATT/SIGNAL MT	WA4ZOK	223.30	224.90	N	
CHATTANOOGA	K4VCM	223.18	224.78	*	
CLARKSVILLE	KF4GP	222.34	223.94	N	
CLEVELAND	KK4US	222.72	224.32	*	AB
COLLIERVILLE	KB4YGI	222.80	224.40	N	PL
COLUMBIA	KE4KO	223.12	224.72	*	
FISHERVILLE	N4DRL	223.28	224.88	*	AL
FRANKLIN	WD4SGS	222.54	224.14	N	

MORE TENNESSEE REPEATERS

GALLATIN	WB4ZSA	222.38	223.98	N	
GREENBRIAR	WQ4E	223.20	224.80	N	AB
GREENBRIER	WQ4E	223.16	224.76	N	PR
GREENEVILLE	WB4NKM	220.058	BEACON	*	BEACON
GREENEVILLE	WB4NKM	223.34	224.94	*	A
HERMITAGE	WB4RAB	222.30	223.90	N	
JC/BUFFALO MT	WA4UCI	223.18	224.78	*	
JONESBOROUGH	WD4OBW	222.92	224.52	*	ALB
KNOXVILLE	N4OQJ	222.78	224.38	N	B
KNOXVILLE	WA4YON	222.86	224.46	N	
KNOXVILLE	W4BBB	222.90	224.50	*	
KNXVL/CROSS MT	KB4FZK	222.62	224.22	*	
LAFOLLETTE	KA4OAK	222.68	224.28	N	
MEM/FISHERVILLE	N4DRL	222.90	224.50	*	AL
MEMPHIS	W4ZJM	222.34	223.94	N	L
MEMPHIS	W4BS	222.82	224.42	*	L
MEMPHIS	WA4KOG	223.18	224.78	*	
MORRISTOWN	N4RBB	222.80	224.40	N	A
NASHVILLE	WB4NTM	222.48	224.08	*	
NASHVILLE	KM4MC	222.56	224.16	N	ABRLT
NASHVILLE	KI4OG	222.84	224.44	N	AER
NASHVILLE	KM4MC	223.06	224.66	N	AL
NASHVILLE	N4PYI	223.14	224.74	*	ALR
SEVIERVILLE	N2FUV	222.84	224.44	N	PT
SHORT MTN.	KE4NP	222.66	224.26	*	
SPRINGFIELD	KB8EHB	222.62	224.22	*	ABER

440 MHZ

ALAMO	WB4EDS	448.75	443.75	*	L
BARTLETT	WA4DOR	448.70	443.70	N	T
BARTLETT	WA4PAJ	449.25	444.25	N	
BENTON/BEAN MT	K4SIR	449.95	444.95	N	T
BLUFF CITY	WB4RAV	449.725	444.725	N	
BRISTOL/HLST MT	K4LSP	449.50	444.50	N	A
BROWNSVILLE	KB4YTU	449.20	444.20	N	PL
BROWNSVILLE	KB4YTU	449.45	444.45	N	CPL
CHATTANOOGA	WJ9J	447.15	442.15	N	AELR
CHATTANOOGA	N4JSR	447.325	442.325	N	
CHATTANOOGA	W4AM	449.10	444.10	*	A
CHATTANOOGA	WB4LRD	449.875	444.875	N	
CLARKSVILLE	KF4GP	449.95	444.95	N	
COOKEVILLE	NQ4Y	449.55	444.55	N	
CUMBERLAND CITY	WD4DBJ	448.40	443.40	*	PT
DOVER	N4VIH	449.925	444.925	N	
ETHRIDGE	AB4UP	447.675	442.675	*	C
FAYETTEVILLE	KC4GPM	448.10	443.10	N	O
FISHERVILLE	N4DRL	449.30	444.30	*	AL
FRANKLIN	N4ULM	448.85	443.85	N	
FRANKLIN	N4TK	449.725	444.725	*	T
GALLATIN	N4SSB	448.30	443.30	*	C
GALLATIN	WD4BKY	449.00	444.00	*	BPTL
GALLATIN	WD4BKY	449.35	444.35	*	PLT
GALLATIN	WD4KWP	449.45	444.45	N	
GALLATIN	WA4AKM	449.775	444.775	*	LT
GATLBG/COVE MT	WA4KJH	448.30	443.30	N	L
GRAY/HOLSTON MT	WD4SBX	447.20	442.20	*	A
GREENBRIER	WQ4E	449.25	444.25	N	
GREENEVILLE	WB4NKM	449.65	444.65	*	R
GRNVLE/VIKING MT.	KB4UG	448.20	443.20	*	C
HENDERSON	K4TC	449.75	444.75	N	P
HIXSON	WJ9J	449.45	444.45	N	AELRB
JACKSON	WB4EPG	447.80	442.80	N	A
JACKSON	WB7BOX	449.875	444.875	N	PERLT
JAMESTOWN	KC4MJN	448.625	443.625	*	
JASPER	KD4XV	447.05	442.05	*	
JOHNSON CITY	WB4SQC	448.425	443.425	*	
KNOXVILL/ENG MTN	WB4HAP	449.60	444.60	N	
KNOXVILLE	WA4NTZ	447.50	442.50	N	
KNOXVILLE	WB4GBI	449.30	444.30	*	
KNOXVILLE	KB4KSL	449.50	444.50	*	A
LAFAYETTE	KC4ECD	449.125	444.125	*	RT
MEDINA	K4BEZ	447.05	442.05	N	AL
MEMPHIS	N4ERU	421.25	439.25	N	V
MEMPHIS	N4ERU	439.25	421.25	N	ATV
MEMPHIS	WB4EPG	447.625	442.625	N	
MEMPHIS	WF4G	447.825	442.825	N	
MEMPHIS	W4ZJM	448.00	443.00	N	
MEMPHIS	KA4JXT	448.10	443.10	*	TCPR
MEMPHIS	W4BS	448.20	443.20	*	
MEMPHIS	WA4QWW	448.40	443.40	N	A
MEMPHIS	WA4KOG	448.80	443.00	*	NB
MEMPHIS	KA5RYF	448.95	443.95	N	
MEMPHIS	KA0BRN	448.975	443.975	N	ALT
MEMPHIS	WA4ETE	449.00	444.00	*	T
MEMPHIS	K4RDK	449.025	444.025	N	
MEMPHIS	KA4JXT	449.10	444.10	*	RP
MEMPHIS	WA4KOG	449.40	444.40	*	
MEMPHIS	K0JXI	449.60	444.60	N	
MEMPHIS	K0JXI	449.80	444.80	N	
MEMPHIS	K5FC	449.825	444.825	N	
MEMPHIS	WB4MMI	449.90	444.90	N	TAL
MEMPHIS	WB4NNE	449.95	444.95	N	O
MILAN	WD4ABJ	447.10	442.10	*	
MORRISTOWN	KA4NEX	449.20	444.20	N	
MORRISTOWN	KD4LP	449.80	444.80	*	AB
MT JULIET	WB4PUB	448.05	443.05	N	P
NASHVILLE	KJ4ZQ	439.25	421.25	N	V
NASHVILLE	KI4OG	449.05	444.05	N	ALTR
NASHVILLE	WB4NTM	449.15	444.15	*	ATL
NASHVILLE	N4ARK	449.225	444.225	*	BLPT
NASHVILLE	N4PYI	449.525	444.525	*	T
NASHVILLE	WA4WCK	449.575	444.575	*	T
NASHVILLE	W4AY	449.625	444.625	*	PT
NASHVILLE	W4AY	449.675	444.675	N	
NASHVILLE	WA4AKM	449.875	444.875	*	
NASHVILLE	WA4AKM	449.975	444.975	*	
OAK RIDGE	K4EAJ	449.40	444.40	*	L
OAKFIELD	WA4BJY	447.20	442.20	*	PTL
OSWALD DOME	WD4DES	447.25	442.25	N	
PARIS/GROVE HL	WA4WKS	448.50	443.50	N	
PULASKI	KB4TPI	439.250	421.250	N	V
PULASKI	KB4TPI	447.150	442.150	N	
ROCKWOOD	KA4WJS	448.975	443.975	N	
SHELBYVILLE	KC4KRM	448.825	443.825	*	
SHORT MTN	N4OYS	449.65	444.65	N	
WATERTOWN	N4IDG	449.90	444.90	*	P

920 MHZ

MORRISTOWN	KD4LP	908.00	920.00	N	BP
MORRISTOWN	KD4LP	908.80	920.80	*	BP
NASHVILLE	K4ZGA	910.25	923.25	N	LV

1270 MHZ

MEMPHIS	N4MW	272.00	292.00	*	
NASHVILLE	N4MEY	277.25	439.25	N	VL

VIRGINIA REPEATERS

(Listing updates for some repeaters courtesy of T-MARC)

10 METERS

NEWPORT NEWS	WB4CTF	29.60	29.60	*	R
ONEIDA PK/BLFLD	WZ8E	29.58	29.68	N	RL
ROANOKE/POOR MT	WB8BON	29.54	29.64	*	CL
STERLING	KD4DN	29.58	29.68	M	M

6 METERS

ALEXANDRIA	WA4CCF	52.13	53.13	M	ML
BEDFORD/THAX MT	WB4DBB	52.15	53.15	*	
CENTERVILLE	KA4DCS	52.58	52.48	M	M
DANVILLE(DCC)	AA4QT	52.13	53.13	*	
HERNDON	WD4KHP	52.62	52.82	M	TM
LEXNGTN/ROCK MT.	KI4ZR	52.01	53.01	*	L
LOUISA	KA4NNN	52.07	53.07	N	
RICHMOND	WB4FAX	52.43	53.43	*	
ROANOKE	WB4DBB	52.25	53.25	*	L
ROANOKE/POOR MT	WB8BON	52.09	53.09	*	CL
VIRGINIA BEACH	WD8DAS	52.19	53.19	N	

2 METERS

ABINGDN/BRMLY MT	K4LSP	146.01	146.61	N	L
ABINGDON	N4AKZ	146.34	146.94	*	AB
ACCOMAC	WA4TVS	147.855	147.255	*	E
ALEXANDRIA	WB4MJF	144.55	145.15	M	M
ALEXANDRIA	N4FSC	144.71	145.31	M	MP
ALEXANDRIA	WD4PDP	146.055	146.655	M	MP
ALEXANDRIA	W4HFH	147.915	147.315	M	ML
ALTAVISTA	WA4ISI	146.055	146.655	*	PLE
ALTON	WD4LBM	146.46	147.06	N	
ARLINGTON	N4EFJ	144.87	145.47	M	M
BARREN SPRINGS	K4HZS	146.07	146.67	N	
BEAVERDAM	N4CZJ	144.65	145.25	N	
BEDFD-APL ORCH	WA1ZMS	144.81	145.41	N	BT100.0
BEDFD/APL ORCH	WB4DBB	144.63	145.23	*	
BEDFORD	WB4JBJ	147.705	147.105	N	PL
BLACKSBURG	AB9I	146.115	146.715	*	
BLAND	N4AZJ	144.75	145.35	*	RP
BLUEFIELD	W8MOP	144.89	145.49	*	P
BRISTOL	WD4CYZ	146.28	146.88	N	
CHARLOTTESVILLE	WA4TFZ	146.16	146.76	*	
CHARLOTTESVILLE	WA4TFZ	146.325	146.925	*	
CHASE CITY	W4AXH	146.31	146.91	*	
CHESAPEAKE	K4NDH	144.69	145.29	N	E
CHESAPEAKE	N4GSP	146.01	146.61	*	AE
CHESAPEAKE	N4SD	146.19	146.79	*	AE
CHESAPEAKE	KL7SR	147.705	147.105	N	C
CHESTERFIELD	KA4CBB	147.96	147.36	*	PE
COVINGTON	WA4HTI	146.205	146.805	*	L
CULPEPER	N4FAF	147.72	147.12	M	M
DANTE	WD4CYZ	147.855	147.255	N	
DANVILLE(DCC)	AA4QT	146.325	146.925	*	AE
DANVILLE/WHT OAK	K4WQS	146.10	146.70	*	BERP
ENON	WA4ECM	147.66	147.06	*	BP
FAIRFAX	WA4YVM	144.57	145.17	M	M
FAIRFAX	W4LBL	146.19	146.79	M	MP
FALLS CHURCH	W4AQD	144.75	145.35	M	MT
FARMVILLE	WA4QQI	144.73	145.33	*	
FINCASTLE	W4WIC	146.04	146.64	*	A
FOREST	KA7UKJ	144.77	145.37	N	L
FRANKLIN	K4SPS	147.90	147.30	*	PE
FREDRICKSBURG	WB4LNT	147.615	147.015	M	M
GALAX/BRIRP MT	N4VL	147.69	147.09	*	A
GALAX/LKOUT MT	N4VL	144.53	145.13	*	R
GATE CITY	N4WWB	146.22	146.82	N	
GLADYS	N4SJM	147.945	147.345	*	RP
GLOUCESTER	KC4TOG	144.77	145.37	*	PE
GRUNDY	K4HWQ	147.915	147.315	N	A
GRUNDY/BIG A MT	WD4DCX	146.235	146.835	N	L
GUM SPRING	WB4IKL	147.87	147.27	*	
HAMPTON	K4DHO	146.13	146.73	*	PE
HAMPTON	K4UMI	146.34	146.94	N	T
HARRISONBURG	WX4C	147.825	147.225	M	AM
HARRISONBURG	K4SAD	147.915	147.315	N	A
JEWELL RIDGE	WB4QJZ	147.75	147.15	N	
KILMARNOCK	W2MS	144.61	145.21	*	A
LEXINGTON	KI4ZR	146.07	146.67	*	OR
LEXINGTON	KI4ZR	147.90	147.30	*	A
LEXNGTN/ROCK MT.	KI4ZR	147.93	147.33	*	
LUNENBURG CT.HSE	AA4OG	147.84	147.24	*	
LYNCHBURG	W4WWQ	146.01	146.61	N	
LYNCHBURG	AB4M	146.415	147.015	*	P
LYNCHBURG	WA4RTS	147.795	147.195	*	
LYNCHBURG	KB4ILD	147.975	147.375	N	P
MADISON	N4AJO	147.99	147.39	M	M
MANASSAS	WA4FPM	146.37	146.97	M	MP
MARION	KC4SKE	144.67	145.27	N	
MARION	KC4IH	146.04	146.64	N	A
MARTINSVILLE	AA4QT	147.885	147.285	*	P
MCLEAN	WD4IWG	147.81	147.21	M	MY
MIDDLEBROOK	W4WRN	146.37	146.97	N	E
MOUNTAIN LAKE	WZ8E	147.465	146.865	N	PL
MT.LAKE/BALD KNB.	K4TUE	146.31	146.91	N	P
NEW MARKET	K4AVW	146.025	146.625	M	M
NEWPORT NEWS	W4MT	144.63	145.23	N	AEC
NEWPORT NEWS	WA4OHX	144.89	145.49	*	AT
NEWPORT NEWS	WB4CTF	147.765	147.165	*	PLR
NORFOLK	WA4ZUA	144.57	145.17	*	PER
NORFOLK	NE4D	146.10	146.70	N	E
NORTON/HIGH KNOB	K4AXO	146.415	147.015	*	LP
OILVILLE	N4TZE	147.69	147.09	N	C
ONEIDA PEAK/BLF	WZ8E	146.355	146.955	N	PL
PEARISBURG	N4AZJ	147.735	147.135	*	
PENNINGTON GAP	N4LQC	146.10	146.70	N	
PETERSBURG	K4ARO	144.55	145.15	*	
PETERSBURG	K4ARO	147.99	147.39	*	
PKS KB/PULASKI	KT4Z	147.78	147.18	*	P
PORTSMOUTH	W4POX	146.25	146.85	*	AE
RICHMOND	K4YPE	144.51	145.11	*	A
RICHMOND	WB4FAX	144.59	145.19	*	
RICHMOND	W4SQT	144.83	145.43	N	P
RICHMOND	WB4QEY	146.04	146.64	N	P
RICHMOND	WA4ZBE	146.28	146.88	*	P
RICHMOND	W4ZA	146.34	146.94	*	
RICHMOND	WA4JST	146.43	147.03	N	
RICHMOND	N4HB	147.735	147.135	*	T
ROANOKE	N4AP	146.34	146.94	N	A
ROANOKE/POOR MT	KC4DY	146.145	146.745	*	P
ROANOKE/POOR MT	W4CA	146.385	146.985	*	PL
ROANOKE/POOR MT.	WB4QOJ	144.61	145.21	N	YVKL
ROANOKE/POOR MTN	K4ARO	144.79	145.39	*	LC
ROANOKE/POOR MTN	KB4QWO	147.87	147.27	N	BLP
RUSTBURG/LONG MT	N4UTN	146.235	146.835	*	BP
SALEM	W4PDL	146.28	146.88	*	
SALUDA	AA4HQ	144.85	145.45	*	C
SMITHFIELD	N3ELM	147.795	147.195	*	BLPT
STAFFORD	NM7J	144.67	145.27	M	M
STAUNTON	W4XD	146.10	146.70	*	
STAUNTON	WA4ZBP	146.25	146.85	*	RY
STAUNTON/EL. KB	N4RAG	147.645	147.045	*	
STERLING	WA4TXE	146.115	146.715	M	M
STUARTS DRAFT	KB4OLM	147.96	147.36	*	PEL
SUFFOLK/GASBURG	WA4HMT	146.40	147.00	*	PE
TYSONS CORNER	WD4HLF	146.31	146.91	M	MP
VIENNA	K4HTA	146.085	146.685	M	M
VIRGINIA BEACH	WA4KXV	146.295	146.895	*	
VIRGINIA BEACH	WA4KXV	146.37	146.97	*	E
VIRGINIA BEACH	WA4SBC	147.645	147.045	N	
VIRGINIA BEACH	W4NV	147.975	147.375	N	
WARRENTON	WB4FJT	147.765	147.165	M	M
WARSAW	KA4ZIP	147.93	147.33	*	E
WAYNESBORO	W4BLD	147.63	147.03	*	O
WAYNESBORO	W4PNT	147.675	147.075	*	PEL
WILLIAMSBURG	K2QIJ	144.81	145.41	N	C
WILLIAMSBURG	W4NTG	146.07	146.67	*	B
WILLIAMSBURG	KB4ZIN	146.16	146.76	*	A
WINCH/BLUEMONT	WA4TSC	147.90	147.30	M	M
WINCHESTER	W4RKC	146.22	146.82	*	ME
WOODBRIDGE	WB4FQR	147.84	147.24	M	MA
WYTHEVILLE	WD4MUQ	146.175	146.775	*	

220 MHZ

ALEXANDRIA	WA4CCF	223.22	224.82	M	ML
ARLINGTON	KI4MB	222.46	224.06	M	M
BEDFD/APL ORCH	WB4DBB	223.94	222.34	*	RL
BEDFORD	N4PLV	223.24	224.84	*	
BLFD/E.RIVER MTN	N8LGA	223.32	224.92	N	C
CHARLOTTESVILLE	KB4YQC	222.54	224.14	N	
DANVILLE	WB4GJG	222.78	224.38	*	
DANVLE/WHITE OAK	N4GLA	222.84	224.44	*	AE
DELTAVILLE	AA4HQ	223.30	224.90	*	AE
FAIRFAX	WB4YHD	222.50	224.10	M	ML
FAIRFAX	WD4KHP	222.82	224.42	M	MPL
FALLS CHURCH	N4CHP	223.38	224.98	M	MP
GASBURG/LK GASTN	WA4HMT	223.00	224.60	*	C
GLOUCESTER POINT	N4THN	223.02	224.62	*	BEP
HAMPDEN-SYDNEY	WB4PEA	222.60	224.20	*	O
HAMPTON	KB4UHA	223.26	224.86	*	ABE
LEESBURG	WA4TXE	222.42	224.02	M	M
LOVETTSVILLE	WB4FUJ	222.86	224.46	M	M
LYNCHBURG	AB4M	222.68	224.28	*	P
MANASSAS	WA4FPM	223.06	224.66	M	M
MARTINSVILLE	WB4BVI	222.90	224.50	*	P
NORTON/HIGH KB	WA4NDQ	222.82	224.42	*	R
PETERSBURG	K4ARO	223.10	224.70	*	
RICHMOND	WA4ONG	222.92	224.52	N	K
ROANOKE	WB4DBB	222.50	224.10	*	L
ROANOKE/CHAUS MT	AB4EM	223.34	224.94	*	
STERLING PARK	WD4KHP	222.12	223.72	M	M
TYSONS CORNER	WD4KHP	223.12	224.72	M	M
VIENNA	K4HTA	222.34	223.94	M	M
VIRGINIA BEACH	N4WQJ	223.14	224.74	N	
WOODBRIDGE	WB4GJZ	223.18	224.78	M	M

MORE VIRGINIA REPEATERS

440 MHZ

ALEXANDRIA	WA9GVK	439.25	426.25	M	MV
ALEXANDRIA	WA4ZAI	449.50	444.50	M	M
ALEXANDRIA	W4HFH	449.60	444.60	M	M
ALTAVISTA	WA4ISI	449.425	444.425	*	PLE
ARLINGTON	KA4DCS	444.875	449.875	M	M
ARLINGTON	KI4MB	449.15	444.15	M	M
BEDFD/APL ORCH	WB4DBB	449.35	444.35	*	L
BIG "A" MTN	KB4WTP	449.875	444.875	N	
BLUEFIELD	WZ8E	449.625	444.625	N	PL
CHARLOTTESVILLE	WA4TFZ	449.25	444.25	*	
CHESAPEAKE	K4NDH	448.80	443.80	N	P
CHESAPEAKE	N4EVG	448.90	443.90	N	PE
COLLINSVILLE	KN4DE	449.575	444.575	N	T103.5
COVINGTON	WA4HTI	447.25	442.25	*	O
ENON	WA4ECM	449.20	444.20	*	R
FAIRFAX	KD4DN	443.725	448.725	M	ML
FALLS CHURCH	N4EFK	449.30	444.30	M	M
FALLS CHURCH	K8ZOA	449.45	444.45	M	ML
FOREST	W8CXD	448.60	443.60	N	O
FOREST	WD4KQI	449.75	444.75	N	A
GASBURG	WA4HMT	447.00	442.00	*	C
GATE CITY	N4WWB	449.70	444.70	N	L
GREAT FALLS	N3AVA	449.05	444.05	M	M
HAMPTON	K4UMI	448.65	443.65	N	
HAMPTON	K4OGT	449.55	444.55	*	T
INDEPENDNCE HILL	AA4VA	448.80	443.80	M	M
LEXNGTN/ROCK MT.	KI4ZR	449.15	444.15	*	
LYNCHBG/JACK MT.	KF4YI	447.40	442.40	*	P
LYNCHBURG	K4HEX	426.25	923.25	N	V
LYNCHBURG	AB4FU	447.95	442.95	*	PT
LYNCHBURG	K4HEX	449.50	444.50	N	
MANASSAS	WD4JCE	444.225	449.225	M	ML
MARION	N4IQV	447.00	442.00	*	ATR
NORFOLK	WD4MIZ	449.675	444.675	N	C
NORTON/HIGH KNOB	WA4NDQ	449.85	444.85	*	TRB
OILVILLE	WA4YHH	449.80	444.80	*	P
PEARISBURG	N4AZJ	449.975	444.975	*	
PETERSBURG	WB4KZI	448.825	443.825	N	
PETERSBURG	K4ARO	449.40	444.40	*	T
PORTSMOUTH	KK4SN	449.00	444.00	*	AE
RICHMOND	N4LFU	448.35	443.35	*	
RICHMOND	K4ARO	449.65	444.65	*	
RICHMOND	K4ARO	449.85	444.85	*	
ROANOKE	KA4YUY	447.175	442.175	*	
ROANOKE/LONG RDG	WB8BON	449.925	444.925	*	O
ROANOKE/POOR MT	W4CA	447.50	442.50	*	L
ROANOKE/POOR MT.	N4FHL	426.25	439.25	N	V
ROANOKE/POOR MT.	N4VG	447.70	442.70	*	
ROANOKE/POOR MT.	WB8BON	448.65	443.65	*	C
SMITHFIELD	N3ELM	448.55	443.55	*	BLPT
SOUTH BOSTON	AB4YR	448.925	443.925	N	
SPRINGFIELD	AA4VA	449.15	444.15	M	M
STAIMTPM/EL KNB	N4RAG	449.10	444.10	*	
STAUNTON	WA4ZBP	449.825	444.825	*	
STAUNTON	W4WRN	449.95	444.95	N	
STERLING	WA4TXE	447.20	442.20	M	M
STUART/SPOON MTN	WA4WTB	449.175	444.175	N	R
STUARTS DRAFT	KB4OLM	449.05	444.05	*	PEL
TYSONS CORNER	WB6GUS	448.50	443.50	M	M
TYSONS CORNER	K4JYF	449.75	444.75	M	M
VIENNA	K4HTA	448.25	443.25	M	M
VIRGINIA BEACH	WA4KXV	449.95	444.95	*	E
WAYNESBORO	KA5NOJ	439.25	426.25	*	V
WAYNESBORO	WA4EZA	449.20	444.20	*	
WHITETOP MTN	KM4X	448.00	443.00	*	TB
WILLIAMSBURG	W4NTG	448.95	443.95	*	
WILLIS	W4DUM	448.875	443.875	N	BT
WINCH/BLUEMONT	WA4TSC	444.925	449.925	M	M
WINCHESTER	NB3O	444.175	449.175	M	M
WINCHESTER	W3CSG	447.00	442.00	M	M
WINDY GAP MT	W4WIC	448.75	443.75	*	A
WOODBRIDGE	KA4DCS	444.875	449.875	M	M
WOODBRIDGE	WB4FQR	449.90	444.90	M	M
WOODFORD	WA4SDE	443.975	448.975	M	M
WYTHEVILLE	KA4JRL	448.80	443.80	N	C
WYTHEVILLE	WB3T	449.325	444.325	*	ALT

920 MHZ

ALEXANDRIA	WA4CCF	907.60	919.60	M	M
FOREST	KB4OSI	909.00	921.00	N	
ROANOKE	KM4TT	908.90	920.90	N	PT-123.0

1270 MHZ

ALEXANDRIA	WA4CCF	270.60	282.60	M	M
APL. ORCH. MTN.	WB4DBB	271.02	291.02	*	
VIENNA	WR4S	272.00	292.00	M	M

WEST VIRGINIA REPEATERS

(Listing updates for some repeaters courtesy of T-MARC)

10 METERS

BECKLEY/BOLT	KA8OTX	29.52	29.62	*	
BERKELEY SPRINGS	KK3L	29.52	29.62	M	M
CHARLESTON	WB8CQV	29.54	29.64	N	L
PARSONS	KE8QC	29.54	29.64	*	TLO

6 METERS

BOLT/BOLT MT	N8DKL	52.05	53.05	N	
ST ALBAN/COAL MT	WD8JKA	52.03	53.63	N	ATNB

2 METERS

BECKLEY/BOLT	N8FRV	144.57	145.17	*	AL
BECKLEY/EOC	KD8VS	144.77	145.37	*	A
BECKLEY/FLAT TOP	K8BO	146.25	146.85	*	
BECKLEY/LAYLAND.	WF1G	144.71	145.31	*	L
BLUEFIELD	W8MOP	144.89	145.49	*	P
BRIDGEPORT	WB8DKM	147.72	147.12	*	PT
BUCKHANNON	N8FHE	144.53	145.13	*	AL
BUCKHANNON	N8FHE	144.81	145.41	*	A
BUCKHANNON	WD8L	146.25	146.85	N	
CHARLES TOWN	N8EIV	146.385	146.985	M	MA
CHARLESTON	WS8L	144.83	145.43	*	P
CHARLESTON	WB8IFS	146.22	146.82	N	A
CLARKSBURG	N8FMD	146.085	146.685	*	L
CLARKSBURG	KE8MR	147.915	147.315	N	
CRAIGSVILLE	KD8OG	144.67	145.27	N	L
ELKINS	KB8BWZ	146.175	146.775	*	
EVANS	KD8TC	147.81	147.21	N	
FAIRMONT	W8SP	146.30	146.90	N	NB
FLAT TOP/WINTRPL.	WF1G	146.025	146.625	*	A
FRANKLIN	W3RUA	147.945	147.345	*	
GASSAWAY	WB8MZI	146.01	146.61	N	
GLENVILLE	KA8ZXP	144.69	145.29	*	AELR
GRAFTON	WD8LNB	147.975	147.375	*	
GRANTSVILLE	N8LGY	144.85	145.45	*	PE
HARRISVL/PENSBRO	WB8NSL	147.90	147.30	N	
HINTON	KB8EQC	147.855	147.255	N	AB
HORSEPEN MT	NV8H	147.795	147.195	*	PL
HUNTINGTON	WB8FEQ	144.61	145.21	N	Y
HUNTINGTON	W8VA	146.16	146.76	*	PEL
HUNTINGTON/CHAS	WB8EZR	146.04	146.64	*	ER
KINGSTON/LICK KB.	W8FG	144.87	145.47	N	
LEON	WB8NMT	147.78	147.18	N	O
LEWISBURG	WA8AVZ	146.13	146.73	*	P
LIBERTY	W8HYX	144.81	145.41	*	
LOGAN	WA8ZLR	146.09	147.11	N	NB
LOGAN/SUMERCO	NU8K	147.945	147.345	*	PL
LOGAN/WARD RK MT	KJ8E	146.37	146.97	*	PL
MARTINSBURG	WA8FSE	144.55	145.15	M	M
MARTINSBURG	WB8VAZ	147.855	147.255	M	M
MCMECHEN	N8FQN	146.31	146.91	*	
MORGANTOWN	K8LG	144.83	145.43	N	AL
MORGANTOWN	W8CUL	146.16	146.76	*	PL
MORGANTOWN	KE8QC	147.675	147.075	*	PLR
MT STORM	KA8JTH	147.705	147.105	*	PLER
MULLINS/HRNDN MT	KC8IT	147.63	147.03	*	R
NEW MARTINSVLLE.	WB8CSW	147.54	146.94	N	NB
OAK HILL	W8OQC	146.19	146.79	*	E
PARKERSBURG	WY8F	144.89	145.49	*	APR
PARKERSBURG	WV8G	144.89	145.49	*	ABC
PARKERSBURG	WF8U	146.145	146.745	*	AE
PARKERSBURG	WA8CRW	146.37	146.97	*	A
PARKERSBURG	WA8CRW	147.99	147.39	*	P
PARSONS	KE8QC	144.73	145.33	*	LREPB
POINT PLEASANT	W8KNM	147.66	147.06	N	
PRINCETON	KA8PNC	146.46	147.06	*	A
PRINCETON	WB8NRK	147.825	147.225	*	A
PRINCETON/PIPEST	WD8OGY	146.325	146.925	N	A
RAVENSWOOD	WD8JNU	146.07	146.67	N	P
RAVENSWOOD	WD8JNU	146.10	146.70	N	R
RICHWOOD	WB8YJJ	144.59	145.19	N	B
SALT ROCK	WD8MCR	144.51	145.11	N	
SCOTT DEPOT	WC8S	147.87	147.27	*	PEL
SHERRARD	KD8GL	146.115	146.715	*	EPL
SO. CHARLESTON	WB8CQV	146.28	146.88	N	L
SPENCER	WT8Z	147.705	147.105	*	
SPRUCE KNOB	N8HON	147.885	147.285	*	L
ST ALBANS	WB8GDY	146.40	147.00	*	B
ST ALBANS	KA8SVR	147.75	147.15	*	PELR
ST ALBANS	K8WMX	147.975	147.375	*	Y
ST MARYS/BENS R.	WB8ECC	147.63	147.03	N	L
SUMMERSVILLE	K8VKB	146.34	146.94	*	
TERRA ALTA	KD8ZR	147.60	147.00	*	AE
UPPER TRACT	KB8BUC	146.055	146.655	*	
WEIRTON	KC8JN	146.34	146.94	N	A
WELCH	WB8SXZ	144.85	145.45	N	
WESTON	WD8EOM	144.79	145.39	N	P
WHEELING	WB8JGY	144.59	145.19	N	PL
WHEELING	W8ZQ	146.16	146.76	*	P
WILLIAMSON	WR8M	144.73	145.33	*	AR

220 MHZ

CHARLESTON	WB8YST	222.76	224.36	N	C
FLAT TOP/WINTRPL.	WF1G	222.52	224.12	*	A
KINGSTON/LICK KB.	W8FG	223.14	224.74	N	
PARSONS	KE8QC	222.88	224.48	*	ALR
WILLIAMSON	WR8M	222.54	224.14	*	

440 MHZ

ALDERSON	WF1G	449.40	444.40	*	A
BECKLEY/BOLT	AA8BS	447.30	442.30	*	PRC
BECKLEY/KINGSTON	WF1G	449.80	444.80	*	R
BUCKHANNON	N8FHE	448.10	443.10	*	L
CHARLESTON	KB4BNW	449.75	444.75	N	
HUNTINGTON	W8VA	447.60	442.60	*	
HUNTINGTON	WB8EZR	448.00	443.00	*	
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Novice Enhancement vs Codeless Technician

-Tnx W5YI Report

The Commission enhanced the privileges of the Novice Class effective March 21, 1987. For the first time, beginners would be allowed to operate in the voice in the 10M and 220 and 1.2GHz.

There were over 9,000 Novice licenses issued in April and May of 1987. As it turned out, however, applicants wer3e merely rushing to take the less difficult 25 question Novice examination before it was increased in number and difficulty to 30 questions.

Most of the Novice operator licenses issued in April and May 1987 represented applicants who took the 25 question written test before March 21st. After the initial surge, the number of newcomers to the hobby grew at a substantially lesser rate.

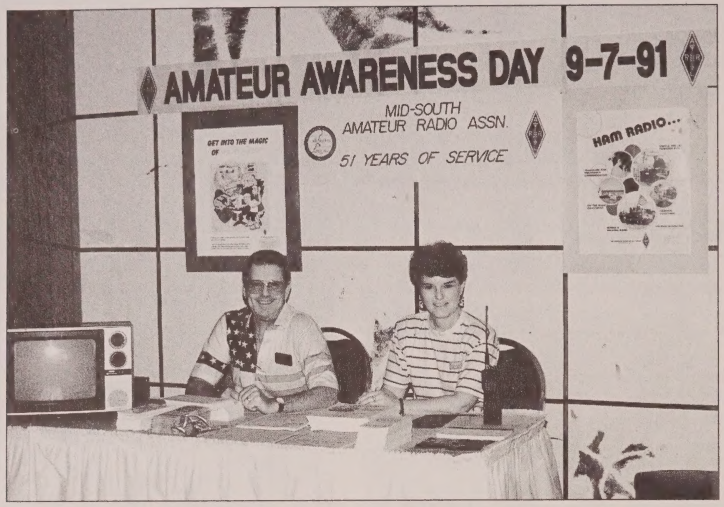
The codeless Technician Class took effect on Feb. 14, 1991. The first license issued on March 12th. Since, then, the number of first time licensed Amateurs has increased by more than 70%. Most are entering ham radio at the no-code Tech level, and so far, unlike Novice Enhancement, shows no sign of weakening.

Newcomers to the ARS increased 22.9% in 1987 over 1986. In 1988 there was a -11.1% decrease over 1987. In 1989 a 5.9% increase occurred, in 1990 a 10.4% increase over 1989. In 1991 thus far we have a 70.6% increase over 1990.

The year of 1991 has seen 9,808 Novices and 14,989 Techs come into the ranks. In 1990 a total of 12,991 Novices and 1,444 Techs, in 1989 we had 11,708 Novices and 1,378 Techs. 1988 saw 1,272 Novices and 1,192 Techs and 1987 13,057 Novices and 844 Techs.

Counting all licenses, entering Amateur radio for the first time, in 6 months we have already exceeded 25,000 new hams by August. We can very well see over 50,000 new hams in calendar 1991 if it keeps up.

Amateur Radio Awareness Day in Memphis



Johnny and Nita Wofford, WA4ETE and N4DON man the Mid-South ARA club booth at the Oak Court Shopping Mall in Memphis. Club members kept the booth open from 10:00 a.m. to 9:00 p.m. to answer questions and better acquaint the public to the fun and public services of Amateur radio. Memphis Mayor Dick Hackett issued a proclamation to celebrate this day in Memphis. Formed in 1939, the Mid-South ARA is the oldest radio club in Memphis. Johnny is twice past President of MARA and is currently SERA Tennessee State Director. Nita is currently SERA Vice-President, the Greater Memphis Hamfest Chairman and the first female President of MARA.

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RFC 4-110	440mhz 10 in/100 out	339.95

WEST VIRGINIA NOTES

-by Ted Wolfe, WD4KHL

Send News To: P.O. Box 133, Cabin Creek, WV 25035

Gary White, WD8OMB, his wife Sharon, WD8OLI, Wilbur Williamson, K8MNA, and I drove to the Cincinnati hamfest at Striker's Grove on Sunday, Sep. 15. We left on Saturday, spending the night with one of my sisters who lives in Cincinnati. Garry and I purchased new ICOM IC-229H rigs, the first new rig I have treated myself to in a long time. We also took in the Cincinnati Zoo after leaving the Sunday hamfest shortly after noon.

After a good many years at the site the Greater Cincinnati Amateur Radio Association is being forced to move the event next year. I was told that owners of the present venue are turning the rural property into an amusement park. The GCARA flyer for next year's event shows the site change, and a change in the date from September to August, 23, 7:00 a.m. to 5:00 p.m., at the Syrian Shrine Oasis near Loveland, Ohio. That's one of the earliest hamfest starts I am aware of. We arrived just after 9:00 a.m. to find it had already been underway for two hours.

Striker's Grove is northwest of Cincinnati near the commnunity of Ross and not far from Hamilton, Ohio. The Syrian Shrine Oasis is on the Loveland-Miamiville Road, accessible via /Exit 54 on I-275, northeast of Cincinnati.

I've been to the hamfest twice. It is the biggest one I've ever been (except of course, Dayton) to where most of the activity is the outside flea market and tailgating area. There was a lot of walking outside in the 90-degree heat to see everything. On Dayton--it's big INSIDE and OUTSIDE.

* * * * *

The turnout on Saturday, Sep. 28 for the fall St. Albans Swapfest was respectable. It was held at the St. Albans Riverside Park between US Route 60 and the Kanawha River across the highway from the St. Albans Mall. The event is strictly a flea market type, with tailgating and tables in the parking lot or nearby under one of the park's picnic shelters.

A number of hams didn't make it. They were busy providing communications for the Open House tours that a number of valley chemical plants were holding that day. Sam Moore, W8NCD, did make the swapfest briefly but left early to relieve the amateur operator at the DuPont plant at Belle, WV, at 1:00 p.m. There was a ham stationed at each of the plants holding an Open House.

* * * * *

With fall here and winter coming on, we will all be looking forward to next year and the first hamfest in the area for us--the one on February 23rd at Fayetteville, WV.

* * * * *

The Southern West Virginia ARC wants everyone to know the 146.73 repeater on Keeney's Knob is back in operation with good wide area coverage over some nine counties in Southern WV and into parts of Southern and Southwestern Virginia.

Gary Bostic (who failed to put his call on his letter), wrote that club activities this year have included working with the WVSOM 10-K race, Scout Day Camp-In which some 250 scouts and leaders were introduced to ham radio, and a booth at the WV State Fair.

The club invites all hams traveling through the area to make use of the WA8AVZ 146.73 repeater, which is now listed in the Repeater Journal under Lewisburg. Gary explained the change because Alderson is off the principal routes whereas Lewisburg is on US 60 and I-64.

* * * * *

About copy deadline, three repeaters were down in the area. The Lick Knob W8FG 145.47 machine has been off for about two months. I've been told the club lost its site, a small cinderblock enclosure at the base of the state fire tower. The state recently sold its old fire towers with the provision they be removed from their sites, so the small building at the base apparently was also a casualty. At 3250 feet, Lick Knob gave 145.47 excellent wide area coverage. On Sunday, Sep. 29, I talked with Bill, WB8YJJ, at Richwood and they were attempting at that time to resite the repeater in that area. More next issue.

* * * * *

The Oak Hill 146.79 repeater was down for several days, but I also heard it came back up on the air on the 29th.

* * * * *

And I was advised the Bolt Mountain 145.17 repeater was down for an overhaul and should be in better shape than ever when it returns to the air shortly--by the time this reaches print, surely.

* * * * *

The Loud 'N Clear newsletter of the Jackson County ARC at Ripley provided details of vandalism and theft at a repeater site near Ravenswood. So, for the lesson in it for us all, the details follow.

Vandalism Knocks off System

On the morning of Monday, June. 10, club president Clark Stewart, W8TN, was advised by another ham that he could not access the QRZ node or the 146.67 repeater. A trip to the site revealed vandals had torn through two padlocks and ripped the building's door off its hinges.

Thieves had taken a Kenwood TM-221A 2-meter, 45-watt transceiver (SN# 9040330), an Astron RS-20 12VDC power supply, a Kenwood TM-3530A 220 Mhz transceiver (SN# 7100095), and two Pac-Com Tiny-2 TNC packet controllers.

The 220 rig belonged to Bob Dehart, KF8AR, the other equipment to W8TN. Dehart is the club's vice-president.

One of the TNCs had callsign W8TN-2 (alias QRZ) TheNet EPROM, the other with callsign W8TN-3 (alias DX) TheNet EPROM.

The equipment was used to link the N8HTT packet cluster near Columbus, Ohio. The thieves also attempted to make off with the 146.67 voice repeater, but didn't get it out of the building. However, connections were severed and the single cavity lay crushed on the floor.

Lloyd's Electronics, whose building it was, lost $10,000 worth of Motorola Micor equipment serving Peake Energy Company. The break-in was the second at the site in four years. West Virginia State Trooper Mike Comer, N8DGV, a club member, investigated the latest incident on his day off and recovered good fingerprints from the site. The stolen equipment was also entered into the National Crime Information Center computer.

(Continued on Next Page)

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WEST VIRGINIA NOTES CONTINUED

(Continued from Page 35)

On June 27, club members installed new hinges and other hardware to rehang the door. Also an alarm system purchased by W8TN was installed. The path to the DX cluster has been restored.

* * * * *

The Mid Ohio Valley ARC newsletter for August reported that alarm systems are being installed at a number of repeater sites in Wood County following the incident (above) in neighboring Jackson County.

Also from MOVARC: The Wood County RACES put on a demonstration of the AREAS/Data (Finders) software during the WV State ARRL Convention and Hamfest at Jackson's Mill on July 6.

AREA/Data can be used to keep track of people, both emergency works and victims, in case of emergencies involving large numbers of people.

* * * * *

Also from that club's newsletter, (with credit to CA RACES Bulletin #110), a short comparison of emergencies versus disasters: EMERGENCIES are serious events which require coordinated response to protect the health, safety and welfare of people, or to limit damage to property, whereas DISASTERS are disruptive and cause organizations and systems to break down. The recognized states of response to a DISASTER are: confusion (individual response); decentralized response; coordinated response' cleanup/recovery. Disruption is a key feature of the confusion and decentralized response states after a disaster.

* * * * *

The 444.10 repeater sponsored by Don, N8ILO, is located just outside Vienna, WV. Give it a try sometime!

* * * * *

An impromptu "Fox Hunt" on Tuesday evening, Aug. 27 followed the discovery of a strange signal at the Wood County EOC during a meeting of workers to prepare for participation in a State Disaster Drill. The signal was on the output of the 147.255 repeater. Using handhelds the group traced the signal to a depth finder (SONAR) device accidentally left on in the group's rescue boat stored inside a metal building nearby. It had caused interference up to 40-feet away despite the shielding. Shutting off the device got rid of the spurious signal.

* * * * *

A handy thing to have around the shack if you live near an Interstate Highway is a listing of mile post numbers, exit ramp numbers, the location of unmarked crossovers, bridges, etc., to help lost or confused travelers or to report accidents or incidents to authorities. MOVARC's June newsletter included such a listing for members in its area.

Dick Fowler, N8FMD and Ted Wolfe, WD4KHL pose with friends in front of the Clarksburg based N8FMD Mobile Communications Center. One of three identically equipped vans, each was converted for Amateur use in emergencies. The unit was on display at the WV State ARRL Convention at Jackson's Mill. -photo by Sam, W8NCD

* * * * *

There's a new 2-meter net in Roane County every Wednesday evening at 7:00 p.m. local time on the 147.105 repeater in Spencer.

* * * * *

Sam, W8NCD, took some photos at the WV State ARRL Convention and Hamfest at Jackson's Mill. I took notes on a sheet of paper I had in my pocket but have since misplaced. It contained the identities of those in the photo. Sorry, fellows, the only one I remember is Dick Fowler, N8FMD. And I am in the photo, too. It was taken beside the N8FMD Mobile Communication Center bus. That bus was one of the three nearly identical which have been converted for Amateur use in emergency situations. Dick's group is from Clarksburg. One of the others was from Franklin, WV. Sorry, guys, memory fails me on where the third was from. I am sending that photo along to appear in this issue.

Former Senator Barry Goldwater, K7UGA, of Arizona has become a member of TSRAC. Goldwater sent his membership fee to the club after a friend had given him a copy of the club's B-N-T newsletter.

* * * * *

SILENT KEYS: James Thomas, WY8F, Wood County Emergency Services Unit #266, on Aug. 9; and Robert D. Morris, WA8CTO, of Ripley , Sept. 21 in Jackson General Hospital, after a long illness.

* * * * *

Karl Morris, WB8GDY, sent an advisory copy of his letter of resignation to SERA President A. Carter Cogle, K4ARO. Karl has been a SERA Director or Vice-Director in West Virginia since the organization came to the state in 1980. He plans to move to Florida early in 1992, now that he has retired. His resignation, effective Jan. 31, 1992, gives SERA adequate time to elect a replacement.

Karl's letter noted that when CVRA (now SERA) came to West Virginia, there were 28 repeaters on the air with few

(Conclusion on Page 37)

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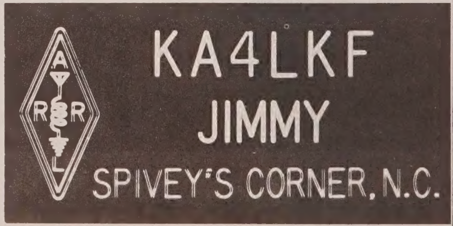

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records in existence. Now we have 105 repeaters, most fully documented in the database he assembled and will turn over to his successor. We'll miss Karl and wish him well in his retirement in Florida.

* * * * *

WV PACKET NEWS

I am right at deadline in completing this column material for the November Journal. And the last part is all about packet. I am still working to try and develop a feature on Terry, WB8IFS, who has so many nodes on the air, both UHF and VHF, all around West Virginia, but I haven't been able to get to his QTH at a mutually convenient time. So, that will be left for 1992.

Terry, by the way, has installed another node on Bee Mountain. This one is BEEDX:Wb8IFS-12 Johnny Jones, WB8CQV, is acquiring the software to act as a server. When completed BEEDX will be a node in the N8HTT cluster.

* * * * *

The 145.01-145-09 node put on by Bill, N8JXO, was moved from his QTH in Belmont to a new site on Route 16 about one mile southeast of St. Mary's WV, at around 1200 feet above sea level. That provides an elevation gain of over 500-feet from the old site. A 60-foot tower was erected to accommodate the necessary antennas.

WEST VIRGINIA NOTES CONTINUED

* * * * *

SWVARC, Alderson/Lewisburg, is placing a 145.05 node on Keeney's Knob, location of the club's 146.73 repeater. The call, I am told, will be WD8DMS (no SSID was specified in the letter of information), and the alias will be LSBG (for Lewisburg).

* * * * *

Fred Jones, WA4SWF, Louisa, Ky. sent me a letter letting me know of efforts underway in the Bluegrass State to organized the Packet Association of Kentucky (PAK). Purpose of the organization is to further the enhancement of the packet network in the state of Kentucky; to offer frequency coordination and provide technical guidance for establishing digis, Net Roms or ROSE switches.

The Association is open to anyone or group interested in the enhancement of packet radio.

Since Fred's letter there have probably been more meetings. But I will pass along the information that your input is encouraged and solicited by PAK. Information should be sent to the group's temporary Secretary/Treasurer: Pat McKeeby, N0ZO @ N0ZO, P.O. Box 1112, Campbellsville, Ky. 42719. Phone (502) 789-1740. If by this time they have selected other officers I am sure McKeeby will pass along the information to that individual.

* * * * *

The packet pickings were a bit slender for this column. Remember, you can write me at P.O. Box 133, Cabin Creek, WV 25035, or call me at (304) 595-3970, or better yet, send your news and info by packet to WD4KHL @ WB8CQV.WV Till next year then, good luck to all. And from me early wishes for the forthcoming Christmas and New Year periods.

SERA News Net Resumes Wednesdays

The SERA News Net resumed operation in October, entering its 651st edition.

The News Net originates in North Carolina and through various linking systems can be heard in parts of Southwestern Virginia, West Virginia, SE Ohio, Northern South Carolina, Eastern Tennessee and Eastern Kentucky. At times in excess of 30 repeaters on UHF and VHF have carried this net, which originally started in Greensboro in the 1970s.

Any repeater owners in those areas wishing to carry the 15 minute Amateur Radio "News Net" may rebroadcast if a signal can be found.

Assistance is available from Wayne C. Williams, K4MOB, Editor, The Repeater Journal. Address and phone is on page 1 of the Journal.,

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EAST TENNESSEE NEWS

-by Tim Berry, WB4GBI

Send news to: 214 Echodale Lane, Knoxville, Tn. 37920

When I wrote the last article for the Journal in August, I told you that several coordination requests were pending. I am happy to report that all but one are complete and repeaters are on the air! Here goes...

* * * * *

Ted fowler, KA4ZTK, has coordinated 147.885-147.285 for a repeater to be located in Blountville. Ted has written me to tell that the repeater is up experimentally at this time. More details on this new repeater next report.

Also in Northwest, Tennessee, Albert Spangler, WB4RAV has coordinated 449.725-444.725 for a repeater to be located in Bluff City. Al tells me that he will be experimenting with different kinds of antenna systems on this repeater. Here's hopiing that we will be able to share with you in future columns the results of his work.

* * * * *

A new repeater on 220 MHz is on the air in Morristown. Frank Lane, N4RBB, has coordinated 222.80-224.40 for his machine in downtown Morristown. As of press time he was having an interference problem, which he should have resolved by the time you read this.

* * * * *

The Morgan County ARC has purchased the 147.33 repeater and coordinated it to operate on top of the mountain at Frozen Head State Park near Wartburg. This machine has been upgraded using a new repeater and duplexers. I have worked on commercial equipment at this site, and coverage should be excellent for this repeater at this location.

* * * * *

The 220 spectrum loss also hit East Tennessee - N4OQJ repeater which had been on 222.40-224.00, wass recoordinated and recently moved to 222.78-224.38 to comply with the new 220 MHz SERA bandplan. This repeater is located on Sparps Ridge in Knoxville, and continues to give great local service to the Knoxville 220 crowd (which includes me!)

* * * * *

The 220 spectrum loss has also claimed the frequency of the WB4NKM 220 beacon which is on Viking Mountain near Greenville. Final details have not been worked out, but it looks like it will be back on the air on a new frequency very soon. More on this one next time.

* * * * *

Bobby Gass, KB4UG, reports that he has recently installed a new 1-5/8 inch hardline on his 147.06 repeater, and coverage has been greatly improved. The KB4UG repeater is also located on Viking Mountain.

* * * * *

Thanks to those who have sent me information about their repeaters. Is YOUR repeater news in this issue? If not, send me your information - improvements, moves, activities, we can use it all. We are working some more new coordination requests, and will be reporting on them in February. This and YOUR news for next time. Send it to us before the end of the year for our Jan. 1 deadline, for the February issue.

The 147.39 WD4OBW repeater has been recoordinated and moved to a new frequency of 146.325-146.925. Don Maples, WD4OBW, reports to me that the repeater is on the air and working well. He had been experiencing a continuing interference problem on 147.39 for quite a long time . . . He also is the prowd owner of the 222.52 repeater. Both of these machines are located on "Buzzards Roost," which is near Jonesborough, Tn. Please join me in wishing Don good luck with his new frequency, and try out the machine when you can..

Repeater Users! Your Actions Could Lose Your Repeater

Let's take a hypothicical situation.

Your home repeater has lots of users. There is someone on all the time. Some come and some go. Your club or user's group is closely knit. Everything is just great. The repeater owner allows you to go ahead with your fun...enjoy ham radio to its fullest. He doesn't even yell at you or chastize you or your friends when you get a little rowdy, as long as you keep it clean and follow the rules.

Then something happens. You and your friends get into arguments. Some of the "rough guys" start "verbally abusing" some of the other users. Politics, a ham's status, and anything else that comes along causes an argument. The arguments get more verbally violent. People start taking sides, and a battle occurs every night. You against them!

Then it happens. A small few go too far. Their language, whether meant to be or not becomes foul and things become quite disgusting. Day and night, the abuse continues on the repeater, until finally, in desperation, the owner shuts the machine down.

Too bad! All the fun is gone, just because it went too far, and wasn't stopped before it got started.

Whose as fault? Actually everyone is at fault. The owner for allowing the situation to progress. The very few people who didn't have the decency to act as they should in public, and also the rest of the repeater users for allowing themselves to be drawn into such a situation.

Phone calls could have been made and nipped the problem in the bud had anyone been aware of what could have happened, maybe preventing this.

Can this happen for real? Yes, it can, and it has. I feel sad for the whole group.

- The Repeater Journal Editor

Newsletter Editors - There Is Help!

One of the hardest things a new Editor of the local club newsletter has to do is to learn ways to get news, how to put the news on paper, and how to get the newsletter out on time.

The Amateur Radio News Service (ARNS) is an excellent source for news editors to pick up hints, ideas, and learn the basics of editing a good newsletter. The ARNS "*Bulletin*" published monthly contains a wealth of information written by seasoned editors, willing to share their secrets for the newcomer.

The ARNS is a worldwide organization founded in 1965 to provide a vehicle for exchange of ideas among Amateur Radio operators concerned with newsletters and/or public relations.

The "*Bulletin*" also contains some news items which may be good for use as filler material, although the main value is learning from others through the publication.

ARNS is supported by editors of club newsletters through their membership. If you are interested in joining ARNS as so many others have done, write to the secretary: **Pam Myers, N8IAK, 510 West Harrison, Alliance, OH 44601.** She will be glad to send you information on ARNS and how you can join.

ARNS dues run $5.00 per year (plus $1.00 for first time membership) and memberships run through March 31 each year. The "*Bulletin*" indicates membership from October through March is $2.50 (plus $1 first time joiner). If you send dues, be sure to indicate your desire to join. Send along with your check, your name, call, address, phone, and club newsletters name. A short statement about yourself would also be helpful.

ARNS Publication Contest

Each year the ARNS sponsors their publication contest which is open to all Amateur Radio organizations and membership in ARNS is not required. For complete details, and an application form, write: **Lee Knirko, W9MOL, ARNS President, 11 South LaSalle St., Suite 2100, Chicago, IL 60603.** Deadline for the 1992 publications contest is December 31, 1991. Each newsletter entrant is carefully judged and Certificates of Achievement are awarded to top newsletters in various classifications, based on club size and circulation.

The SERA *Repeater Journal* editor has been a member of ARNS for 10 years.

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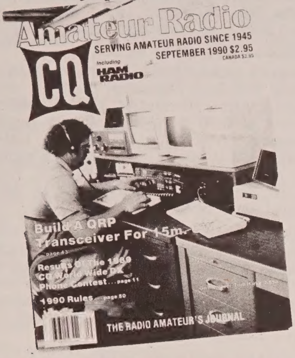
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REPEATER JOURNAL

VEC/VE EXAMINATIONS

The VEC/VE Exam schedule is published Free as a public service of SERA. Schedules are supplied by individual VEC/VE teams. For quarterly changes, or additions, write the Repeater Journal Editor. SERA cannot assume any responsiblity for erronious or outdated listings other than typographical errors.

TENNESSEE

Blount County, Maryville WCARS-VEC

Second Monday on each even month. Sked: Dec.8, 1991, and Feb. 10, Apr. 13, Jun. 8, Aug. 10, Oct. 12, and Dec. 14, 1992. 7:00 P.M. at St. Andrews Church Hall, W. Broadway, Maryville. Walk-ins normally accepted. Contact: Carrol Peabody, W4PCA (615) 982-5839. Talk-in: 146.85.

Carter County WCARS-VEC

Limited walk-in exams given on the fourth Friday evening of each odd numbered month at 7:00 p.m. Must be registered one half hour before exams. Walk-ins are limited to test materials on hand. Schedule: Nov. 22, 1991, and Jan. 24, Mar. 27, May 22, Jul. 24, Sep. 25, and Nov. 27, 1992. at Moody Aviation, Carter Cty. Airport. Contact Joe Hopkins, K4BKI, 414 E. "H" St., Elizabethton, Tn. 37643 (615) 543-4022 or Jon Christiansen, AB4NN, Echo Dr., Elizabethton, Tn. 37645 (615) 543-7155.

Chattanooga WCARS-VEC

Walk-in exams held on the first Monday of off numbered months at State Line Electronics, East Ridge, Tn. at 7:00 p.m. Schedule: Jan. 6, Mar. 2, May 4, Jul. 6, Sep. 7 and Nov. 2, 1992. For more information, contact: Alan Painter, WA4QCH, 234 Wallaceville Rd., Rossville, Ga. 30741, or Dale Harwood, N4VFF, Rt. 4, Box 297-B, Hwy. 41N, Ringgold, Ga. 30732. (404) 937.5680.

Fentress County WCARS-VEC

Walk-in exams scheduled third Thurday night of first month of quarter at 7:00 p.m. at First Baptist Church. Schedule: Jan. 16, Apr. 18, Jul. 18 and Oct. 17, 1992. For information contact: Mike Ledbetter, AB4BX, (615) 879-8626 or alt: Steve Qualls, KJ4HT, (615) 879-7517. Talk-in: 147.09.

Gallatin WCARS-VEC

Walk-in exams held first month of each quarter, Jan. 25 (Gallatin Hamfest), Apr. 18, Jul 19, and Oct. 3, (Gallatin Hamfest) 1992. Except for hamfest exams, others held at Volunteer State Community College, Gallatin. For more information contact: Ronnie L. Gilley, KA4LUG (615) 452-0883 or Jerry Goodchild, K4DZR, (615) 824-7699.

Greeneville WCARS-VEC

Walk-in exams on 4th Saturday of each odd-numbered month at Roby Adult Center on College St. Sked: Nov.23, 1991 and Jan. 25, Mar. 25, May 23, Jul. 25, Sep. 26, and Nov. 28, 1992. Contact: Jack Creed, K4EPC, 826 Rosebud Dr., Greeneville, Tn. 37743. (615) 638-7056. Talk-in: 147.39 & 224.94.

Henry County WCARS-VEC

Walk-in exams held 2nd Saturday of first month of quarter at 9:00 a.m. at Henry County High School, Paris. Schedule: Mar. 7, Apr. 18, May 30, Jul. 1, Aug. 22, Oct. 3, Nov. 14, 1992. Contact Mackie Gallimore AA4YF, (901) 247-5489. Alt. Les Merrell, KQ4F, (901) 642-5966. Talk-in: 147.165.

Jasper WCARS-VEC

Pre-Registrations preferred some walk-in exams limited to test materials on hand, held each second Sunday afternoon at Jasper Public Library at 1:00 p.m. Schedule: Jan. 12, Feb. 9, Mar. 8, Apr. 12, May 10, Jun. 14, Jul. 12, Aug. 9, Sep. 13, Oct. 11, Nov. 8, and Dec. 13, 1992. Charles Wooten, KD4XX, (615) 942-5116. Talk-in: 145.19.

Knoxville WCARS-VEC

Pre-Registrations accepted in exam room until 9:30 a.m. Code tests begin at 10:00 a.m. and written elements at 11:00 a.m. Third Saturday of each month normally. Upgrades only. Novice testing on request from N4BAQ, ND4F, WA4GZE, N4IJL, W4MHA, WA4TKN and others. Pellissippi State Tech. Room B-129. (except Hamfest dates) Pre-registration required. Dec. 21 exam at Arlington Church of Christ. 1992 Schedule: Feb. 1, at Sevierville Swapfest, Mar. 21, Apr. 11 (if Oak Ridge Hamfest, May 16, Jun. 6 (Knoxville Hamfest), Jun 20, Jul. 18, Aug. 15, Sep. 19, Oct. 17, Nov. 21, and Dec. 19. Contact: Ray Adams, N4BAQ, 4325 Felty Dr., Knoxville, Tn. 37918. (615) 688-7771. Alt. Rich Slover, ND4F, P.O. Box 30754 Knoxville, Tn. 37930, (615) 539-4821. Talk-in: 147.30 & 224.50

Loudon County, Loudon WCARS-VEC

Fourth Saturday of each even month, at Third National Bank on U.S. 321 E. (321 is Exit 81 on I-75, then East to Bank) Walk-ins normally accepted. Sked: Dec. 21, 1991. Feb. 22, Apr. 25, Jun. 27, Aug. 22, Oct. 24, and Dec. 26, 1992. Contact: Bob Gray, KE4SK (615) 458-6115. Talk-in: 145.17.

McMinn County WCARS-VEC

Exams on 2nd Monday evening at 8:00 p.m. of each odd numbered Month, at Athens Municipal Building Council Chambers. Walk-ins accepted. Sked: Jan. 13, Mar. 9, May 11, Jul. 13, Sep. 14, and Nov. 9, 1992. Contact: Evan Ray, WA4PNI. (615) 263-9300. Talk-in: 145.31

Memphis WCARS-VEC

Walk-in exams held 3rd saturday of each odd numbered month. Schedule: Dec. 21, 1991, Jan. 18, Mar. 21, May 16, Jul. 18, Sep. 19, Nov. 21, 1992. Contact: Winn Guinn, W2GLJ, (901) 754-4552 or Nita Wofford, N4DON, (901) 363-4971.

Morgan County WCARS-VEC

Second Saturday of each odd month at Joyner Volunteer Fire Dept., Coalfield. Walk-ins normally accepted. Schedule: Jan. 11, Mar. 14, May 9, Jul. 11, Sep. 12, and Nov. 14, 1992. Contact: Paul Seavers, AA4UP (615) 435-0080. Talk-in: 146.745.

Morristown WCARS-VEC

Walk-in exams 1st Thursday of each odd-numbered month, at 7:30 p.m. at the Red Cross Building. Schedule: Jan. 2, Mar. 7 (Morristown Hamfest), May 7, Jul 2, Sep. 3, and Nov. 5, 1992. Contact Roy Zeigler, KF4CB (615) 586-3491, or D.C. Gluck, WD4FOX, (615) 586-2041 for information. Talk-in: 147.225

Roan County WCARS-VEC

Walk-in exams are held on the second Saturday of each even month at Pond Grove School, Rockwood. Schedule: Dec.14, 1991, Feb. 8, Apr. 11, Jun. 13, Aug. 8, Oct. 10, and Dec. 12, 1992. Contact: Richard Spillee, AA4KS, (615) 354-4281. Alt. Bill Smelcer, KA4AAD, (615) 882-9070. Talk-in: 147.015.

Exam Schedule Continued Next Page

VEC/VE EXAMINATIONS

CONTINUED FROM PREVIOUS PAGE

WEST VIRGINIA

Bluefield W5YI-VEC

Exams (Novice thru Extra) second Saturday each Quarter during 1992, Feb., May., Aug., and Nov. 9:00 a.m. Bluefield State College. Walk-ins are preferred. Contact: Don Williams, WA4K, (Bluefield VE Team) (703) 326-2411 or (703) 326-3338.

Beckley, W5YI-VEC

The Smoke Signal Ridge VEC Team, sponsored by the ARA, Northern Div., will conduct Novice through Extra tests at the Mine Safety & Health Admin. Academy near Beckley, adjacent to the Raleigh County Airport. Exit 125 on I-64. Tests begin promptly at 6:00 p.m. in Rooms C108 & C109. Walk-ins will be accepted, bring completed form 610. Remaining 1991 exam on Dec.14.

Charleston, W5YI-VEC

The Kanawha Valley group gives Novice thru Extra class exams at 9:00 a.m. 3rd Saturday of each month, at Holy Trinity Catholic Church in Nitro. Walk-ins are accepted. Talk-in on 40-00 St. Albans repeater.

HUNTINGTON, TARA W5YI-VEC

The Tri-State ARA VE Team will conduct Walk-In Exams at the Our Lady of Fatima Church, 545 Norway Ave. Huntington. Check-in at 9:30 a.m., exams at 10 a.m. Final exam for 1991 on Dec. 14. For further exam information Contact: Jim Baker, K8KVX, (304) 736-6542.

VIRGINIA

Bedford ARRL-VEC

Walk-in exams for all classes are held every 2nd Sunday of the month at 1:00 p.m. at the Liberty Lake Park Administration Building. For further info, contact August Meidling, N4PVU (703) 297-5515

Danville W5YI-VEC

Walk-in Exams for all license classes are held the last Tuesday of each month January through November, 1992 at Danville Community College, Hill Building. Registration starts at 6:30 p.m. Contact Richard Marshall, WB4CCT, (804) 793-0772 for further information.

Richmond Frostfest XV - Jan. 18, 1992

FCC exams to be fiven on Saturday, January 18 at 7:00 p.m.. There will be a limited number of walk-ins. For more exam information, contact Phil Giella at (804) 561-3020, Ron Bolton at (804) 798-5191 or Bill Mason at (804) 745-5822. (Exams held Saturday night before the Sunday hamfest.

Roanoke WCARS-VEC

Upgrades only. Novice testing on request from AF2D or W4OLD. Pre-registration only. Final 1991 exam to be held at Hollins College Dec.7. The 1992 schedule will be forthcoming next issue. For info, contact Fred L. Horton, KZ4Y, 4024 Oakland Blvd., Roanoke, Va. 24012. (703) 366-6266. or Ben Giavaden, N4BG, Rt. 7, Roanoke, Va. 24022, (704) 344-7000. Talk-in on 146.985.

Norfolk, Va. Beach, Hampton Roads, Portsmouth, Chesapeake, Wmsburg.

All exams: Walk-ins are ok, but contact person would like to know in advance you are coming. Bring original license and photo copy and any license upgrade certificates. See individual exams for Contact person.

ARRL EXAMS - Make check for $5.25 payable to ARRL/VEC. For W5YI Exams - Make check for $5.25 to Bill Verebely/VEC for Chesapeake DX Assn Exams, or to HRRA/VEC for Hampton Roads RA exams.

Southeastern Virginia Schedule

VIRGINIA BEACH ARC ARRL/VEC contact Ed Robinson, WD4GDY, 468-0866. Sked: Dec. 7.

CHESAPEAKE DX ASSN, W5YI/VEC. Contact Bill Verebely, KC4YX, 424-4764 for future sessions.

(Note: 1992 schedules for the Southeast Virginia area exams will probably be published in the February 1992 Journal)

NORTH CAROLINA

Asheboro VE Team

Exams held each quarter at Belfour Baptist Church, 1642 N. Fayetteville St. and at other times when there are sufficient examinees to warrant an exam session. For exact dates or further information, contact: Dwight Ayers, N4ZRT, P.O. Box 246, Cedar Falls, N.C. 27230. (919) 629-5516.

Asheville WCARS-VEC

Exams held Sat. Oct.26. at 9:00 a.m. at Health and Social Services Bldg. Walk-ins normally accepted. Contact Garland Lance, NC4N, 854 Sand Hill Rd., Asheville, NC 28806 (704) 667-3758. Talk-in: 146.91 & 224.60.

Asheville WCARS-VEC

Second Saturdays: Final 1991 exam on Dec. 14 at 9;00 a.m. at Leicester Vol. Fire Dept., 9.3 mi. N. of Patton Ave. on Hwy 63. Walk-ins normally accepted. Contact Larry York, WB4PLA, Rt. 4, Box 420 Martin Br. Rd., Leicester, N.C. 28748. (704) 683-1400. Talk-In: 146.91 & 224.60.

Charlotte Hamfest March 14-15, 1992

FCC exams will be scheduled at the Charlotte Hamfest/Computer fair in Charlotte, N.C. on March 14-15. More information will follow in February lists.

Greensboro W5YI-VEC

Walk-in exams for all license classes are held the 3rd Thursday of each month, January thru November, 1992. Registration starts at 6:30 p.m. For info on locations, contact WB4CCT, WB4WOR, N4GGD, N4BYU or W3GRG on the 146.76 repeater, or call Real Talk (919) 299-2525, Prompt 0076, on a touch tone phone to get the latest exam updates.

High Point TEARC-VEC

Exams are scheduled on an occasional basis in High Point. Call Jim Williamson, NQ4T at (919) 841-7576 for more details. Special sessions are also available for groups of 5 or more applicants, call to set up a session.

Kernersville TEARC-VEC

Exams are scheduled each 1st Saturday of the Month at 9:00 a.m. at the Kernersville Public Library. Contact Jim Williamson, NQ4T at (919) 841-7576 for details.

New Bern WCARS-VEC

Walk-in exams held at New Bern High School. Schedule: Dec. 28, 1991, Jan. 25, Apr. 4, Jun. 6, 1992. Remaining 1992 schedule to be announced later. For info contact: Andy Griffith, W4ULD, 203 Lord Granville, Dr., Rt.2, Morehead City, NC 28857. (919) 726-5924.

Raleigh and Durham

Raleigh ARS and Durham FMA VEs conduct examinations alternating monthly between Durham and Raleigh. Pre-registration generally requested, but walk-ins are accepted until 30 minutes prior to exam time. Contact: AA4MY or KY4Y for further information and schedules.

Yadkinville ARRL-VEC

Walkin exams, 2nd Saturday of every month, 9:00 a.m. at Yadkinville Elementary School. For info, contact Fred Pepper, N4UAN, Rt. 6, Box 574, Yadkinville, NC 27055. (919) 679-8954.

Salisbury W5YI-VEC

Salisbury VE team has Exams on 2nd Sunday from 1:00 to 4:00 p.m. monthly at the Emergency Operations Bldg. For information contact: Isabelle Ledford, AB4UX, P.O. Box 826, Cooleemee, N.C. 27014. (704) 284-2414.

GEORGIA

Augusta, ARRL-VEC

Exams conducted at Fort Gordon, Bldg.

(Conclusion on Page 41)

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VEC/VE EXAMINATIONS
CONTINUED FROM PREVIOUS PAGE

31424 at 9:00 a.m. Sked: Aug.10 and Nov.9. Contact: Ace Norton, NA4I (404) 798-5060.

Augusta WCARS-VEC

Exams on 2nd Saturday of each Odd numbered month at Sue Reynolds Community Center. Code tests at 10 a.m. Written elements at 11 a.m. Walk-ins normally accepted. Schedule: Jan. 11, Mar. 14, May 9, Jul. 11, Sep. 12, and NOv. 14, 1992. Contact Jim Abercrombie, N4JA, 2360 Travis Pines Rd., Augusta, Ga. 30906. (404) 790-7802. Talk-In: 145.49.

(Metro Atlanta Area Examinations)

Lawrenceville W5YI-VEC

Exams scheduled 1st Sunday each month at 2:00 p.m. at Jackson EMC, 461 Swanson Rd., Lawrenceville. Walk-ins accepted. Contact Duane Reynolds, WB2YAD, 962-9582.

Peachtree City CA-VEC

Exams scheduled 1st Saturdays at 9:00 a.m. at Peachtree City - City Hall. Take exit 12 off I-85 and go South on Hwy 74. Walk-ins ok. Contact Mike Murphy, KB4KZY, 487-7494.

Roswell CA-VEC

Exams scheduled 1st Monday of each month at 7:00 p.m. at the St. Ann Catholic Church, 4905 Roswell Rd., Marietta. For info, contact: Delaine McCarthy, KM4FV 993-9758.

Stone Mountain CA-VEC

Schedule is 2nd Saturday of each month, at 8:30 a.m. at Stone Mt. Methodist Church, 5312 W. Mt. St. Walk-ins accepted. Contact Hal Martin, KI4RD, 469-6430. Fee $4.00.

Southern Tech CA-VEC

Exams on 3rd Saturday each month. Walk-ins accepted. 9:00 a.m., at Southern Tech, Room 4310, Academic Bldg.. (Exit 112 from I-75) Contact Hal Martin, KI4RD, 469-6430.

DeKalb County CA-VEC

Walk-in exams held 4th Thursday of the month at 7:00 p.m. at DeKalb Co. Police, E.Precinct, Lithonia. Contact Harvey Pearson, WB4PHF, 972-5061.

North Atlanta ARRL-VEC

Walk-ins accepted for exams held on 4th Sunday each month at 2:30 p.m. at Church of the Atonement on Highpoint Rd. Contact Neil Foster, KC4MJ, 449-3340.

Dalton WCARS-VEC

Fourth Saturday of each even numbered month at Unity Baptist Church at 3:00 p.m. Pre-registration only - send 610 to arrive no later than day before exam. Schedule: Dec.28, 1991, Feb. 29, Apr. 25, Jun. 27, Aug. 22, Oct. 24, and Dec. 26, 1992. Contact Bert L. Coker, N4BZJ, 1320 Michael Dr., Tunnelhill, Ga. 30755. (404) 673-2214. Alt. Contact, Harold W. Jones, N4OTC, P.O. Box 211, Rocky Face, Ga. 30740. (404) 278-7077. Talk-in: 147.315 & 224.74.

KENTUCKY

Hazard WCARS-VEC

Examinations usually held on some Tuesdays at 7:00 p.m. at Ray G. Eversole School. Walk-ins normally accepted. For exact dates and additional information, contact John Farler, K4AVX, (606) 436-5354.

Middlesboro WCARS-VEC

First Thursday of each mid-quarter month at Middlesboro Library at 6:00 p.m. Walk-ins normally accepted. Schedule: Feb. 6, May 7, Aug. 6, and Nov. 5, 1992. Contact: Andrew A. Pitt, WB8WEZ, (606) 248-0046 or alternate James Dyke, KZ8A, (615) 869-4453. Talk-in: 146.775.

SOUTH CAROLINA

Charleston WCARS-VEC & W5YI VEC

Walk-in Exams will be held third Saturday of each month at 9:00 a.m. at Trident Tech College. Even months by W5YI team, and odd months by WCARS team. 1992 schedule: Jan. 18, Feb. 22 (at hamfest site), Mar. 21, Apr. 18, May 16, June 20, July 18, Aug. 15, Sep. 19, Oct. 17, Nov. 21 and Dec. 19. Contact: Werner E. Dolder, AA4IX, 327 Heber Rd., Summerville, SC 29483, (803) 873-9465 or Pat Foster, AC4IH, 117 Keenan Ave., Goose Creek, SC 29445. (803) 553-3871.

Charleston Hamfest, Feb. 22, 1992

VE Exams will be given at the Charleston Hamfest site on Feb. 22, 1992 beginning at 9:00 a.m. For more information, contact Jenny Myers, WA4NGV (803) 747-2324 or Linwood Sikes, N4LS (803) 556-5566.

Columbia, WCARS-VEC

Walk-in exams held on third Saturday of even months, at the Red Cross Bldg., Bull Street and Harden Ext., in Columbia at 8:30 a.m. Schedule: Dec.21, 1991. Feb. 15, Apr. 18, Jun. 2, Aug. 15, Oct. 17, and Dec. 19, 1992. For info contact: Ray Rogers, N4WR, P.O. Box 550, Chapin, S.C. 29036. (803) 345-3373.

Greenville WCARS-VEC

Exams 1st Saturday of each odd-numbered month at 8:30 a.m. at Greenville Technical College Library Auditorium. (assuming location available - changes will be announced) Walk-ins normally accepted. Schedule: Jan. 11 (may change due to holiday), Mar. 7, May 2, Jul. 11 (date chgd. to avoid holiday), Sep. 12, and Nov. 7, 1992. Contact John Chism, ND4N, 203 Lanewood Dr., Greenville, SC 29607. (803) 288-0136.

Greenwood Hamfest, Jan. 18, 1992

Walk-in VE exams will be given on site at the (Greenwood Civic Center) GARS Greenwood, SC hamfest on Saturday Jan. 18, 1992, beginning at 10:00 a.m. Contact hamfest officials on arrival.

Lancaster W5YI-VEC

Novice thru Extra. Pre-Regis, or Walkins. 9:30 a.m. USC, Main Bldg. Talk-in: 10-70. Contact Grady Robinson, AK4N, 902 Forest Dr., Lancaster, SC 29720. (803) 283-8298. Call or write for exam dates.

Sumter WCARS-VEC

Walk-in exams are held each 3rd Saturday of odd numbered months at the Abundant Faith Church on Hwy. 521. at 8:30 a.m. Schedule: Jan. 18, Mar. 21, May 16, Jul. 18, Sep. 19, and Nov. 21, 1992. Contact: Dan Mask WB5SGH, 404 Sanders Drive, Sumter, SC 29150. (803) 775-9106.

Spartanburg WCARS-VEC

Exams 2nd Tuesday of each even-numbered month at 7:00 at Spartanburg Chapter of the American Red Cross on Garner Road. Walk-ins normally accepted. For information contact: Pete Theiler, KI4KN, P.O. Boxs 5369, Spartanburg, SC, 29304. Phone 585-4919 (night) 578-5566 (day)

MISSISSIPPI

Laurel WCARS-VEC

Walk-in examinations are held on second Saturday of Feb., May., Aug., and Nov. at the Laurel ARC Building - Civil Defense Building, Laurel Airport. Schedule: Feb. 8, May 9, Aug. 8, and Nov. 14, 1992. For further information contact: Steve Grantham, N5DWU, P.O. Box 127, Ellisville, Ms. 39437, (601) 763-3559, or Randall E. Windham, KG5MZ, Rt. 7, Box 1613, Laurel, Ms. 39440 (601) 729-8693..

Gulfport ARRL-W5YI VEC

Exams held at Harrison Cty. Courthouse in CD conf. room at 8:00 a.m. Contact Stan Hecker, AA4SP (601) 875-9341 day and 875-0222 nights. 1992 Schedule may be available in Feb. Journal.

Ocean Springs ARRL-W5YI VEC

Exams will be held at 7:00 p.m. at Ocean Springs Library in meeting room.No additional exams scheduled for 1991. 1992 schedule may appear in Feb. Journal. Pre-registration requested, limited walk-ins accepted. Contact Stan Hecker, AA4SP (601) 875-9341 day and 875-0222 nights.

IMPORTANT NOTE TO ALL VEC/VEs

Our VE examination schedule has been updated for 1992 partially for this November issue of the Journal. We wish to update ALL listings for publication in the February, 1992 Repeater Journal.

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VIRGINIA NEWS

-by Lee McDaniel, WB4QOJ

Send News To: 8506 Belle Haven Rd., Roanoke, Va. 24019

It's the fall of the year and most people are cleaning up the shack and cleaning out the junk and getting ready to settle into some hamming. If you have all those antennas ready to rotate and talk across town, across the state or around the world then make sure that if those folks that you run into are new hams give them a hand and show them around. Remember one day a while back, you were a new ham too.

* * * * *

The band has been open on VHF/UHF alot here lately and repeaters that you usually don't hear, are maybe showing up on your local frequency. If that turns out to be the case don't get mad or upset . . . try something new. Cut your repeater off and work some long haul, then let the other guys turn theirs off and work in reverse. It's great fun and no one gets mad but has a good time, it works, try it.

* * * * *

If you are doing something in your area that you think is news worthy or merits some broadcast coverage, get intouch with your ARRL PIO (Public Information Officer). They will be able to steer you in the right direction or take care of it themselves. ARRL PIOs are also looking in their state for PICs to help out get in touch and get involved . . . its good fun.

ARRL PIOs in our local area are: WA9NEW for North Carolina, and WB4QOJ for Virginia. If your state is not listed, contact your ARRL Section Manager and see if you can hellp.

* * * * *

Around the state things are somewhat slow, new repeaters that have been coordinated are trying to get on the air before bad weather hits, and if you check the woolly works, it might be a bad one this year.

NEW REPEATERS - Slated to come on line this year are:

- **K4ARO** - Poor Mt. Roanoke-145.39 (-)
- **WA1ZMS** - Bedford - 145.41 (-)
- **N4TZE** - Oilville - 145.09 (-)
- **AA4HQ** - Saluda - 145.15 (-)
- **N3ELM** - Smithfield - 147.195 (+)
- **N3ELM** - Smithfield - 443.55 (+)
- **W4DUM** - Willis - 443.875 (+)
- **K2QIJ** - Williamsburg - 145.41 (-)

Hope we didn't miss any of them!

* * * * *

The 220 band has not been hurting in Virginia since we lost the bottom 2 megahertz. There has been new and renewed activity. In some parts of Virginia and Piedmont North Carolina 220 is busy. The 224.94 AB4EM repeater is used heavily, the 224.50 WB4BVI Martinsville is the same way. Also, the Bedford 224.84 N4PLV and the 224.44 N4GLA in Danville are also busy. In Northern Virginia things are always hopping on 220.

* * * * *

Linking repeaters together is becoming more and more common place. Trying to keep up what is what and who can and does link to what will sometimes run you dizzy. With the PCRN and ARA and other groups all over the State linking, it makes for a great opportunity to give great demos to prospective hams and youth groups. Taking a handheld radio and talking all over the place hundreds of miles away, is a great way to get people interested in this great Amateur radio technology.

* * * * *

The N4FHL/R 439.25-426.25 ATV repeater is under construction and hopefully will be on the air in Roanoke by Christmas.

* * * * *

KB4KL and the gang in the upper Shenandoah Valley say that sometime this fall they will be doing an ATV shot from Elliots Knob near Staunton at 4,300 feet. This is just for fun and several groups in Roanoke (B.V.D.S.) and in Richmond are looking forward to heading to high ground to try and catch some high in the sky video. Keep your eyes on the packet circuits for more details

PACKET RADIO NEWS

New BBS in the New River Valley at VPI in Blacksburg. The K4KDJ packet BBS is on the air, and handling messages in and out of the VPI campus. Trustee is KN4SK, Ray, who is an Electrical Engineering student at the school. You can connect on the user frequency of 145.07.

* * * * *

WA4ONG in Richmond finally has the 220 backbone up and running full duplex connecting West to WB4QOJ-2 on the East to WB0TAX-2 and to the North to K3AF-2. This helps traffic move so much faster, now that the 220 MHz band plan is straight.

* * * * *

A new node that yours truly put up in the past several months on 145.01 (LYH) at Mt. Pleasant, 4,220 ASL, seems to be helping on movement of traffic and keyboard to keyboard from roanoke to Washing, DC and Richmond. The call is WB4QOJ-3.

* * * * *

Well, that's about it for this time. I am still looking for info on your activities in the Old Dominion. Come on! Norfolk and the Eastern shore it's time to send in some info.

The SERA Repeater Journal is Published each quarter in February, May, August, and November.

Let's Order A Pizza... On The Autopatch!

FCC Just Might Say - Go Ahead!

-Tnx, W5YI & Westlink

The FCC in a surprise move has indicated that it would be open to filing of a request for a rules change that would address certain aspects of quasi-commercial use of Amateur radio spectrum by hams.

Among the possible changes would be:

- Allowing hams to conduct personal and club business over Amateur Radio.
- Making available increased access to Amateur radio by or for local Governments.
- Permitting the News media greater latitude in the use of Amateur radio and radio amateurs in the gathering and dissemination of news.
- Permitting payments to educators to operate Amateur radio stations much like the payments already permitted to the ARRLs W1AW operators who routinely transmit bulletins and Morse Code practice.

These concepts were mentioned by FCC Private Radio Bureau Chief Ralph Haller, W4RH. He said that his office has been cataloging the pros and cons on this issue.

Haller noted that as FCC rule 97.113 as written, it often stands in the way of Amateurs being of service sometimes in public service assistance such as marathons, fund drives and other things for non-profit organizations wishing Amateur communications assistance.

The new proposal would also let hams retransmit other radio services, such as the Voice of America, WWV and NOAA transmissions, as well as giving the news media far greater support than is currently permitted them under 97.113.

Haller said the proposed new communications could take place only on a time and space available basis. By this he means that emergency communications would remain the primary non-standard function of the Amateur service, with normal day-to-day operations such as DXing, rag-chewing and public service nets falling within the present structure of 97.113. In other words, all normal Amateur radio activities would, for the most part remain unchanged. But when these traditional uses of the Amateur bands were insufficient to "completely occupy all available Amateur spectrum," or even the spectrum in a given band, Amateurs would be allowed to use "inactive" frequencies for these almost-commercial operations on a secondary, non-interfering basis with all other Amateur radio communications.

In October, (W5YI Report) it has been noted that one ham has filed a petition seeking the implementation of the FCCs suggested three category concept of Amateur Radio communications.

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*IC-229A/E: 25 W

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NORTH CAROLINA NEWS

-by Gene F. Egely, K3EJG

Send News To: 115 Randomwood Lane, New Bern, NC 28562

Hellooo, North Carolina. **E**xtra **J**olly Gene here, beginning a column for the Tarheel State readers of the Repeater Journal. I heeded the call from the August edition, and hope to pass on much news and information about activities from the state with the most members.

* * * * *

Let's get acquainted. . . I live in New Bern, am a retured educator from Pennsylvania, a member of the NBARC, usually monitoring 146.61, and use UOUBBS (WB4UOU, Grifton) packet mailbox.

* * * * *

Recently worked a little DX on 146.61. HB4XUA, Roland, from Berne, Switzerland, was passing through on his way to Chapel Hill and posted the unusual call on VHF. He is going to be at school for a year, so look for him on the Durham area repeaters.

* * * * *

Hurricane Bob brought out the best of Amateur radio as the coastal counties braced for what later became the second most costly hurricane in history. JoAnn, WD4JYR, and Denny, WB4HDC, rallied the forces for Carteret County through the Newport repeater (144.45), Charlie, KC3SB, and Danny, WB4WIV, coordinated the Craven County group.

Jones County used Trenton (145.21) covered by Frank, N4VCI, and several others. Ken K6CIL, called in from Onslow. Others were standing by at various shelter sites, and planning for the big one which never came. The following were noted: Tom, KF6BB, Carl, N4TIE, Bob W4MBD, and Andy, W4ULD, who were practically on the beach; Hubert WD4DCY, running HF and VHF from Pamlico county; Roy, WA3AVE, from Beaufort; Chris, K4AAK; George, WB4EFQ; and several more I failed to catch names for.

Cooperation was very evident between the counties, over several repeaters. JoAnn sent out an appeal for a relief operator to go to Morehead City, and that plea was heard on several other repeaters. Jim, K4OJI, responded from Jacksonville, and was heading for Morehead about 7 p.m. when last heard.

Art, K3JKQ, called in from Marshallburg; WB4SUG, N4LYO, WB4ROC KO4A, appear in my notes, as I monitored three VHF frequencies and the HF link to W4DW, State EC at Raleigh. After using the Newport repeater throughout the nine-hour callup, I noticed that it is listed as "off the air temporarily" in the August Journal, they will make the correction for this issue I'm sure.

* * * * *

Speaking of off the air. . .several repeaters were hit by the electrical storms, and by the time we heard about them, they were back on line. This shows how quickly the repeater operators have responded to the emergencies. A good example are Mark, WA3JPY, Dave, WD4PDZ, Pete, KA4SXX, Mac, WA0ZGL, and Sid, WA4VBC, who maintain the New Bern ARC repeaters. The club is currently preparing to put up new hardline and replace the 61 machine which has done yeoman service for over 12 years.

Had a nice QSO with Martin, N4WRR, and discovered he is a college teacher at Pamlico Community. This brought to mind a question as to how many educators, retired or working are part of the Amateur community. Tommy Phelps, WA3EME, New Bern school administrator is one whome I have met. I did hear a YL or XYL talking to Martin, also an educator, but didn't get her call.

* * * * *

That's all for this issue. If you have news about your club, or any other items about North Carolina hams, don't forget to send it to me for the February issue of the Repeater Journal. We'll take stories and pictures too!

Be A News Hawk!

Send your stories and pictures to the Repeater Journal Editor. We are always looking for good stories and pictures.

See CQ March '92
Page 109
-by Buck Rogers, K4ABT

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Louisville N4NMC Repeater Sports Five Remote Receivers

The N4NMC 147.67-147.07 repeater in downtown Louisville, Ky. was first placed on the air experimentally in 1982. The next year it was coodinated at the Courier-Journal Building at 5th and Broadway with a power of 1.5 watts.

The repeater now is located in Highview near Smyrna Road an outer loop. Its transmitter and receiver were made from old Motorola commercial equipment. The Melco Micro Computer controller has over 80 functions, including speed dial and emergency dial numbers for easy operation of the autopatch. The machine now runs 150-watts of power into a G7 antenna at 170-feet.

The 67-07 repeater has five remote receivers on line, which gives it a wide county coverage. The remote receivers also use Motorola equipment. The remotes receive on 147.67 and retransmit the signal back to the mainsite on 434 MHz. The transmitters consist of Hamtronics, Repco and homebrewed equipment all putting out about .5 to 1.5 watts into 434 beams horizontally polorized. Beams were made by Larry, N4MRM. Many other control boards, ID boards, etc. were etched and built or breadboarded by Jim, N4NMC or Donn KQ9Z.

The main site is at Outer Look and Smyrna Road. with remote receivers located at Radcliff, off 434 south near E-town; Pleasure Ridge, near Dixie Hwy and Greenwood Road; Shelby County, on Budd Plant just off I-64; Louisville, on the Courier-Journal building downtown; New Albandy Ind., in southwest part of New Albandy; and Canton, Ind. about 2-miles east of Salem. (this site not complete yet).

A solar remote is in the works also, to be located in Lanesville, Ind. Its power source will consist of a 12-volt battery and a solar panel which will charge the battery. Transmitter power will be about 1-watt.

A new addition to the Louisville repeater is a 440 cross-band repeater link, located at the main site. The 449.60-444.60 system is also Motorola, running about 35-watts into a Ringo Ranger II at about 155-feet. The two machines are continuously linked.

If you have any questions while in the Louisville area, feel free to contact Jim, N4NMC who keeps things running, or Larry, N4MRM, control operator.

Hamfest Calendar for 1992 To Be Repeated In February

Hamfest chairman are urged to send in their confirmed hamfest dates to the Editor as soon as possible so the correct dates will be included in the February 1992 listings.

Many professional flea-marketers and dealers depend on the Repeater Journal Calendar to map out their hamfests for the coming year. Many times when there are conflicting dates, one confirmed and one not confirmed, the unconfirmed show might get left out.

DEADLINE to get your FREE listing in the February Repeater Journal Calendar listing is January 1, 1991. Send your listings and confirmations to the editor.

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DP-GH62	6 meter 2-5/8 wave 6.0db	129.95
F-22A	2 meter 2-7/8 6.7 db 200 watt 10.5’	97.95
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X50A	144-4.5db/440-7.2db 200watt 5.6’	99.95
X200A	144-6.0db/440-8.0db 200watt 8.3’	134.95
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SG-7500	146-3.0 db/440-5.5db 200 watt 39"	72.95
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Editorial Comment - The Hamfest Season

(Continued from Page 1)

an hours drive, big ones, small ones, and medium ones are encouraging the average ham to go to more shows. One thing I've notice though. They are spending less time at the show. They arrive early, usually by 10:00 a.m. and for the most part are gone by noon or 1:00 p.m. This can be clearly seen at small and medium shows. By 1:00 p.m. the show is practically over, as far as masses are concerned. There are more that come after lunch and stay on till closing time but they generally represent less than 10% of the days attendance.

For the one-day shows this is fine. The two-day shows, it tends to let things get kind of boring and drag on. The second day generally consists of attendance approaching 30% of the 1st day, and about half of those are the ones who were there the first day, and came back to look for more bargains. So generally the second day, 2 or 3 hours of small crowds come and then the day is over. I emphasize this is not the case with ALL shows, but I can attest it covers a majority of those I have attended who run two days. The very large shows such as Shelby, Charlotte, Virginia Beach and Atlanta have a fair attendance on the 2nd day, even though usually only 50% of the first day.

Some of the most successful one-day shows around seem to be Raleigh, Richmond, Gray (Tri-Cities), and Knoxville. There are lots of two-day shows that would make *great* one-day shows. There are lots of one-day shows that are soon to be great shows as they continue to grow

The Hamfest Sponsors

There is an internal struggle among many club-sponsoring hamfests to maintain or shift to two-day shows or to maintain two-day shows or shift to one-day shows.

One side's justification is that, "if we draw 1,000 people in one day, we should be able to draw 500-800 more the second day."

The other group justifies by saying, "we do well with one day, why spoil a good thing." (if they are one-day) or "We do great on Saturday, but lose it all on Sunday." (if they are two-days.)

Dealers are generally caught in the middle. Some want two days, some want one day, but club spokesmen seem to always say, "this is what the dealers want," when asked about a two-day show.

And Finally the Dealers

Several dealers have expressed a great concern to me about the unusual number of bad checks they have received this past year.

One dealer said, "I've gotten more bad checks this year at hamfests than in the past 5 years combined." Two or three dealers we talked to have quit taking personal checks at shows. A couple more indicate they may quit next season. Some didn't indicate what direction they were going to take.

Lots of dealers are taking charge cards at the hamfests, but requirements for authorizations on cards make this a little difficult because a telephone is required for any card charge over $50.00, Some have resorted to Cellular telephones, but unfortunately some small towns do not have cellular facilities avalable.

Perhaps the answer is for Hams attending hamfests, planning to buy large ticket items might want to visit their bank or the Teller machine before heading for the Hamfest. Cash sits well with any dealer or flea marketeer, and there are no added charges.

The 1992 season will tell just what the dealers will do.

One North Carolina dealer said, "I can get one bad check on a big-ticket item at a show, and it blows my profit for the entire weekend." Considering the margin dealers operate under, then add booth and table expenses, motel expenses, meals, overtime pay for helpers, truck expenses, etc., at hamfests, I could easily believe that.

Another thing we have noticed over the past couple of years is Sales Tax collections. Very few hamfest sponsoring clubs are notified by the local or State Tax Departments to require (authorize) attending dealers collect State Sales Taxes and file a report with that States Tax Deparment. When this is the case, ONLY dealers who have retail outlets in THAT state are authorized to collect Sales Tax, any others collecting might be suspect.

Some of the shows which States require collection of Sales Taxes from ALL attending dealers (Ham as well as Computer) include: Atlanta, Charlotte, Virginia Beach, and occasionally some other large shows. Rarely is this a requirement at most all other medium and small shows. When the Tax Man has required this to happen, EVERYONE is collecting taxes. When he hasn't come in, NO-ONE but resident of that State dealers are Authorized and should be collecting.

How does 1992 Look

Good! Most hamfest sponsors are already gearing up for 1992. Our 1992 calendar in the back of the Journal has more confirmed dates already, than we have seen in many years. This shows that clubs are getting serious about seeing that their shows are going to be ready when the date arrives.

Unfortunately conflicts occur. A big show, controlled by available dates at a City Civic Center sometimes has to move, and with a full schedule, this sometimes causes one show to move on top of another one's date the week prior, or the week after.

New shows for the coming year:

Clubs in South Boston, and Danville, Va. are getting together to start a show, tentatively in September of 1992.

The N.C. Chapter of TSRAC has decided to go ahead with a full-fledged show in Salisbury, N.C. in July after a very successful "trial" show in 1991.

Kinston, N.C. continues with their 2nd show in May after a very successful start in 1991.

The JARS club in Benson has moved their show from the end of September to the middle of November.

The oldest running show in our area, Greenville, SC will have their 53rd annual event again this year in May.

(Concludes on Page 50)

SERA 220 MHZ Frequency Utilization Plan

222.00 - 222.05........EME - (Earth/Moon/Earth) (50 Khz)
222.05 - 222.06........Propagation Beacons (10 Khz)
222.06 - 222.10........Weak Signal CW/Experimental (40 Khz)
222.15 - SSB............Calling Frequency
222.10 - 222.20........SSB (100 Khz)
222.20 - 222.35........Repeater Control/Link Frequencies (150 Khz)
222.35 - 223.45........Hi Speed Digital with 222.40 Center (100 Khz)
222.45 - 222.46........Propogation Beacons (10 Khz)
222.46 - 222.49........ EME/Weak Signal/Experimental (30 Khz)
222.49 - 222.50........Guard Channel (10 Khz)
222.50 - 223.38........Repeater Inputs (20 Khz Channel Spacing)
223.38 - 223.42........Guard Channel (10 Khz)
223.42 - 223.64........FM Simplex (Voice or Digital) (220 Khz)
223.64 -223.66........Guard Channel (10 Khz)
223.66 - 223.78........Digital Channels 20 khz spaced (120 Khz)
223.78 - 223.80........Guard Channel (10 Khz)
223.80 - 223.90........Hi Speed Digital with 223.85 Center (100 Khz)
223.90 - 223.92........Guard Channel (10 Khz)

220 MHZ Repeater Pairs (1.6 MHZ in/out)
20 khz. spacing between channels (45 Channels)

222.50 - 224.10
222.52 - 224.12
222.54 - 224.14
222.56 - 224.16
222.58 - 224.18
222.60 - 224.20
222.62 - 224.22
222.64 - 224.24
222.66 - 224.26
222.68 - 224.28
222.70 - 224.30
222.72 - 224.32
222.74 - 224.34
222.76 - 224.36
222.78 - 224.38

222.80 - 224.40
222.82 - 224.42
222.84 - 224.44
222.86 - 224.46
222.88 - 224.48
222.90 - 224.50
222.92 - 224.52
222.94 - 224.54
222.96 - 224.56
222.98 - 224.58
223.00 - 224.60
223.02 - 224.62
223.04 - 224.64
223.06 - 224.66
223.08 - 224.68

223.10 - 224.70
223.12 - 224.72
223.14 - 224.74
223.16 - 224.76
223.18 - 224.78
223.20 - 224.80
223.22 - 224.82
223.24 - 224.84
223.26 - 224.86
223.28 - 224.88
223.30 - 224.90
223.32 - 224.92
223.34 - 224.94
223.36 - 224.96
223.38 - 224.98

220 Mhz. FM Simplex Frequencies

223.44 223.46 223.48 223.50 223.52 223.54 223.56 223.60
223.62 223.64 223.66 223.68 223.70 223.72 223.74 223.76
223.78 223.80 223.82 223.84 223.86 223.88 223.90

220 Mhz. Packet/Digital Simplex Frequencies & Channels

223.40 223.42 223.58 223.66 223.68 223.70 223.72
223.74 223.76 223.78

Hi-Speed Digital Channels

223.35 - 223.45/223.40 Center
223.80 - 223.90/223.85 Center

WV Director Morris Resigns

-Special to the Journal

Karl D. Morris, WB8GDY, SERA West Virginia Director submitted his letter of resignation to President Carter Cogle, K4ARO on August 30th.

Morris said he and his wife plan to relocate to Florida permanently after the first of the year.

Karl, whose resignation is effective January 31, 1992 has been West Virginia Director or Vice Director since that state came into SERA in 1980.

West Virginia entered the then CVRA with 28 repeaters and very few records. After several years of collecting data and coordination, Morris said the state now had 105 repeaters, with almost all the information needed on every repeater. His self-made database began, and remains on a Commodore C-128, 80 column format computer.

Karl said the Directorship has been time consuming, and at times full of headaches, sometimes to the point of pulling hair trying to find a useable frequency pair, it has also been enlightening and gratifying.

"I want to thank you and all of the SERA Directors, Committee mambers, Officers, Vice-Directors and Assistants," Morris wrote in his letter, "and especially the repeater owners and trustees for their cooperation down through the years."

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COMPAKRAT	C-64 SW/HW TTL RS-232C/FAX	72.95
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HR-2	220MHZ 1/2 WAVE ANTENNA FOR HT	18.95
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ISOPOLE 144	2 METERS 6 db GAIN BASE ANTENNA	59.95
ISOPOLE 220	220 MHZ 6 db GAIN BASE ANTENNA	59.95
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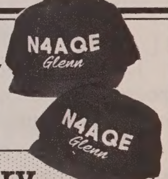

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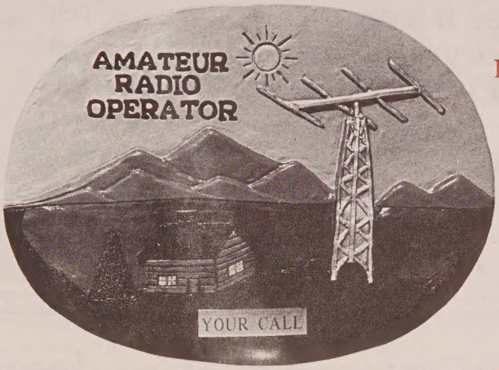

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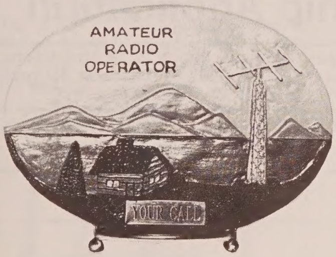

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Editorial Comment - The Hamfest Season.

We realize that there may be some disagreement in some of the comments I have written. They are generally my own viewpoints as I see them, and are based on information I have gathered in my extensive travels. In a spirit of fairness, I'll be glad to address, answer, or give equal time to any responsible individual or group who requests it. Write me!

Meanwhile, lets enjoy our hamfests, support the sponsoring clubs and everyone who is responsible for giving us a place to go, meet our friends, buy some goodies, and have a little extra enjoyment. A good hamfest . . . there's nothing like it. It's the best form of Amateur entertainment there is!

-Wayne C. Williams, K4MOB
Editor, The Repeater Journal

Repeater Owners! If you did not get a repeater datasheet, or you misplaced yours . . . use the application below to join SERA as a Full Member Repeater. $15.00 per year, 2 persons get the Repeater Journal & You Support SERA! Get your datasheet or application below in by January 1st to be included in the February Journal listing showing your repeater(s) as Full Members! SERA - Is Your Coordinator.

Mail Check & Application to: SERA Membership, P.O. Box 215, Tobaccoville, N.C. 27050

SouthEastern Repeater Association, Inc.

Full Repeater Membership Application

Please fill out the Full Member Application. Maximum number of letters for your repeater Name is 14 characters. Be sure to list 2 persons as representatives. ONLY these two will be SERA reps and receive the Repeater Journal. MAIL YOUR CHECK AND APPLICATION TO: SERA MEMBERSHIP, P.O. BOX 215, TOBACCOVILLE, N.C. 27050

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REP. #2				
REP. #3				
REP. #4				

USE AS MANY LINES ABOVE AS YOU HAVE REPEATERS. IF MORE SPACE NEEDED, USE SEPARATE SHEET OF PAPER.

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ADDRESS______________________________
CITY______________ STATE_____ ZIP________
PHONE: (   )____________________
ARRL MEMBER: (   ) YES   (   ) NO

NAME________________ CALL__________
ADDRESS______________________________
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PHONE: (   )____________________
ARRL MEMBER: (   ) YES   (   ) NO

FULL MEMBERSHIP: (   ) NEW   (   ) RENEWAL   FEE IS ENCLOSED- AMOUNT : $__________
REPEATER IS SPONSORED BY: (Name of Club or owner) ______________________________
REPEATER TRUSTEE'S NAME: ______________________________ CALL ______________

SERA IS THE OFFICIAL COORDINATOR FOR: NC, SC, VA, TN, KY, TN, GA, MS.

RATTS Moves 220 Mhz Repeater

The RATTS (Rockingham Amateur Two-Twenty Society) moved their 224.78 repeater on Memorial day weekend. Terry, KC4YRH and Mac, WD4HSN worked with the lines as the ground crew at the old repeater site. In about 5 hours, the antennas were removed from the site in Stoneville, moved and installed at the new site in Wentworth. The new site works flawlessly with excellent coverage in a 100 mile radius. (Photo Ctsy Gary WA4WGY)

-by Gary Benson, WA4WGY

The RATTS (Rockingham Amateur Two-Twenty Society) moved their 220 MHz repeater from its' old site near Stoneville, NC to a new site in Wentworth, NC near the center of the county. The repeater was moved Memorial Day weekend. The repeater, operating on 224.78 MHz, has excellent coverage in the northern piedmont. Mobile coverage extends south to Greensboro, east to Burlington and north to Martinsville, VA. Base coverage routinely extends to a 100 mile radius of the county.

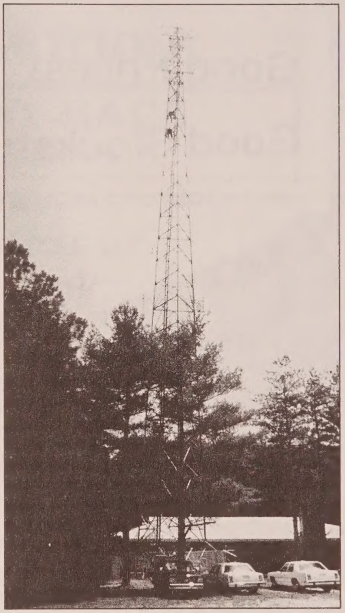
Gary, WA4WGY and Mac, WD4HSN pause a moment at the 150-ft. level of the new "911" tower as they work getting the new RATTS 224.78 repeater antennas installed.The machine was moved from Stoneville to Wentworth the in center of Rockingham county. (-Photo ctsy WA4WGY)

The repeater is located on the new Rockingham Co. 911 Emergency Center's 200 foot tower. The repeater antenna is located at the 150 foot level and favors the southeast. The repeater is an Icom with an Advanced Computer Controls controller and FC-900 interface. The machine features an open autopatch, standard * up and # down. We also have a 2 meter and 440 MHz frequency agile remote base system. Everyone is welcome to use all the features and remote base access codes are available upon request.

The move started on Saturday morning with everyone meeting for breakfast at a nearby restaurant. After the meal, we proceeded to the old repeater site, the "farm" home of Mike Gilbert, NX4Z. Gary, WA4WGY, climbed the tower and removed the antennas while the ground crew disconnected all the electronics. All the equipment was loaded on the trucks in less than three hours from the start.

We proceeded to the new site, the new Rockingham County 911 tower. After a quick lunch, Mac, WD4HSN and Gary, WA4WGY, started the climb up the tower. Miles, WA4NNA, and Terry, KC4YRH, started moving the electronics into the building. When Mac and Gary finally made it to the 150 foot level, the ground crew started sending up the necessary equipment. The tower crew communicated with the ground crew with 220 MHz handhelds. After more than five hours on the tower everything was ready for the "smoke test." The repeater worked flawlessly. This day was done with much satisfaction.

The old men of the tower crew had to take Sunday off to recuperate. We started work again on Monday morning. Climbing the tower was slow for Mac and Gary, whose legs still hurt from Saturdays climb. The remote base antennas were installed and all the feedlines secured. After six hours, we were finished. The remote base range was tested on two meters. Monday evening as we were listening around we heard repeaters identify that were over two hundred miles away. The repeater is currently active and everyone is welcome to use any of its features.



Mac, WD4HSN and Gary, WA4WGY appear as little specs as they labor at the top of the 911 tower at Wentworth, lashing down the new 224.78 repeater antennas at the 150-foot level. (Photo ctsy WA4WGY)

CQ Buyers Guide Is Now Available

The 1992 issue of the CQ Buyer's Guide, sporting over 175 pages is now available through newsstands and Amateur dealers.

The Buyer's Guide includes descriptions of most Amateur gear currently on the market today. Many charts compare features of related equipment from various manufacturers. Also are listings of manufacturers and dealers, their addresses and other information.

SERA Applications

SERA Associate Membership applications are now available through most local dealers who sell the Repeater Journal. Pick up extras now to give to friends.

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SERA REPEATER JOURNAL
Hamfest Calendar

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NOVEMBER, 1991

9 .... TVARN Hamfest, COOKVILLE, TN
10 .... Hamfest, CONCORD, NC
16 .... 14th Annual Hamfest, MONTGOMERY, AL
23-24 .... S.Fl.Sec ARRL/Suncoast Conv. '91, TAMPA, FL
30-Dec.1 .... 11th Greater Greensboro Hamfest, GREENSBORO, NC

DECEMBER, 1991

8 .... Goddard and Tri-Cty ARCs Holidayfest '91, LARGO, MD

JANUARY, 1992

18 .... GARS Hamfest, GREENWOOD, SC
19 .... Frostfest, RICHMOND, VA
25 .... TVARN Hamfest, GALLATIN, TN
25 .... Citrus Cty. Hamfest, CRYSTAL RIVER, FL

FEBRUARY 1992

1 .... Hamfest at Kerbella Temple, Knoxville, SEVIERVILLE, TN
8-9 .... Tropical Hamboree, MIAMI, FL
15-16* .... Hamfest, SARASOTA, FL
15-16* .... Capitol City Hamfest, JACKSON, MS
16 .... Hamfest, ELKIN, NC
22* .... Hamfest, PENSACOLA, FL
22* .... Hamfest, STUART, FL
22* .... Hamfest, DALTON, GA
22 .... Hamfest, CHARLESTON, SC
22* .... Hamfest, BROOKSVILLE, FL
22-23* .... Gr.Lakes Div.ARRL Conv./Hamfest, CINCINNATI, OH
23 .... 14th Annual Hamfest, FAYETTEVILLE, WV
23 .... Vienna Wireless Soc. Winterfest, VIENNA, VA

MARCH 1992

1* .... Mammoth Cave ARC Hamfest, CAVE CITY, KY
7 .... Swapfest, MORRISTOWN, TN
7-8* .... Hamfest, LAFAYETTE, LA
14-15 .... Hamfest/Computer Show, CHARLOTTE, NC
14-15* .... Hamcation, ORLANDO, FL
14-15* .... Swapfest, FT. WALTON BEACH, FL
21* .... Kennehoochee ARC, MARIETTA, GA
28-29* .... Hamfest, COLUMBUS, GA

APRIL 1992

4-5* .... Baltimore ARC Hamfest,TIMONIUM, MD
5* .... Hamfest, LITTLE ROCK, AR
5* .... 7th Spring Hamfest, CHESAPEAKE, VA
5* .... Hamfest/Computer Show, CHARLESTON, WV
11-12* .... Central Georgia ARC Hamfest, WARNER ROBINS, GA
12 .... Hamfest, OAK RIDGE, TN
12* .... Hamfest, CLARKSVILLE, TN
12 .... NC State ARRL Conv/RARS Hamfest, RALEIGH, NC
19* .... 4th Annual Carrol Cty Hamfest, WESTMINSTER, MD
24-25-26* .... 41st Hamvention, DAYTON, OH

MAY 1992

2-3 ...... 53rd Hamfest At Anderson Cty Fairgrnds,GREENVILLE, SC
2-3* .... Hamfest, BATON ROUGE, LA
9* .... Jackson Cty Hamfest, RIPLEY, WV
9-10* .... Hamfest, TOCCOA, GA
16 .... 31st RVARC Hamfest - Mayfest '92, ROANOKE, VA
16-17* .... Hamfest, BIRMINGHAM, AL
16-17* .... Andrsn, Hrtwl, Toccoa RC HF, HARTWELL,GA
17 .... TSRAC Hamfest, Computer Fair, WHEELING, WV
23* .... DurhamFest, DURHAM, NC
24 .... 2nd Annual "Down East" Hamfest, KINSTON, NC
24* .... MD. FM Assn. Hamfest, W. FRIENDSHIP, MD

JUNE 1992

6* .... Clev. ARC Starfest, CLEVELAND, TN
6 .... 25th Annual Hamfest, KNOXVILLE, TN
6* .... Athens RC Annual Hamfest, ATHENS, GA
7* .... Hamfest, COLUMBUS, OH
7* .... Hamfest, HUMBOLT, TN
7 .... Hamfest, MANASSAS, VA
7* .... Hamfest, MUNCIE, OH
13* .... Hamfest, WINSTON-SALEM, NC
20* .... Albany ARC Hamfest, ALBANY, GA
21* .... Hamfest, FREDERICK, MD
28* .... Hamfest, BLUEFIELD, WV

JULY 1992

4-5* ...... West Va.State ARRL Conv/Hamfest, JACKSONS MILL, WV
18* .... Summer Swapfest, CARY, NC
18 .... NC Chapter TSRAC "Firecracker" Hamfest, SALISBURY, NC
25-26 .... WCARS Hamfest, ASHEVILLE, NC
25-26* .... HamFestival, ATLANTA, GA
26* .... BRATS Hamfest, TIMONIUM, MD

AUGUST 1992

1-2* .... 19th Hamfest, JACKSONVILLE, FL
2* .... 42nd Winchester Hamfest, BERRYVILLE, VA
8* ..... Tri-State ARA Hamfest/Computer Show, HUNTINGTON, WV
8-9* .... 4th Annual High Point RC Hamfest, HIGH POINT, NC
9* .... Mid-Ohio Valley ARC Hamfest, PARKERSBURG, WV
9* .... Bluegrass ARS Hamfest, FRANKFORT, KY
9* .... Central Ky Hamfest, LEXINGTON, KY
9* .... Central ARRL Hamfest, GEORGETOWN, KY
15-16 .... Hamfest, HUNTSVILLE, AL
15-16* .... ARK-LA-TEX Hamfest, SHREVEPORT, LA
15-16* .... Hamfest, MOBILE, AL
21-23 .... ARRL Nat'l Convention/ Hamfest, LOS ANGELES,CA
22-23* .... Hamfest, MADISON, GA
23 .... GCARA Hamfest, CINCINNATI, OH
23* .... Hamfest, CEDARS OF LEBANON, TN
23* .... St. Charles ARC Hamfest '92', ST. CHARLES, MO

SEPTEMBER 1992

5-6* .... 35th Annual Hamfest, SHELBY, NC
5-6* .... Hamfest, MELBOURNE, FL
5-6* .... Statesboro ARS Hamfest, STATESBORO, GA
13* .... Foundation AR Hamfest, GAITHERSBURG, MD
13* .... Lanierland ARC Hamfest, GAINSVILLE, GA
20* .... Hamfest, SPRUCE PINE, NC
19-20* .... Hamfest & Computer Show, MOBILE, AL
19-20* .... Hamfest/Computer Show, VIRGINIA BEACH, VA
20* .... Hamfest, CLEVELAND, OH
26* .... Hamfest, ANNISTON, AL
26* .... TARA, Hamfest, HUNTINGTON, WV
26-27* .... Hamfest, LOUISVILLE, KY

OCTOBER 1992

3* .... Hamfest, ROME, GA
3-4* .... Miss. Coast ARA 15th Annual Ham/Swapfest, BILOXI, MS
3-4* .... 40th Annual Hamfest, ROCK HILL, SC
10-11* .... "Memfest '92" Hamfest, MEMPHIS, TN
10-11* .... 12th Ham Com-Vention, HOUSTON, TX
10-11* .... Hamfest, W.PALM BEACH, FL
11* .... 14th Annual CARA Hamfest, HOWARD CTY, MD
11* .... Hamfest, MAYSVILLE, NC
18* .... 39th Hamfest/Computer Show, AUGUSTA, GA
18* .... Triangle East ARA Hamfest, SMITHFIELD, NC
18* .... Tri-Cities Hamfest, GRAY, TN
24* .... Hamfest, SUMTER, SC
24-25* .... Hamfest,CHATTANOOGA, TN

NOVEMBER 1992

7-8* .... Ham Radio/Comp. Expo '92, LAWRENCEVILLE, GA
7-8* .... Hamfest, FT. LAUDERDALE, FL
8* .... Hamfest, CONCORD, NC
14 .... TVARN Hamfest, COOKVILLE, TN
15 .... 4th Annual JARSFEST, BENSON, NC
21-22* .... Suncoast Conv. '92 TAMPA, FL
28-29 .... Hamfest, GREENSBORO, NC
22* .... 15th Annual Hamfest, MONTGOMERY, AL

Please note: Hamfest dates marked with an asterisk(*) are NOT confirmed. Hamfest sponsors are urged to get their correct show dates to the Repeater Journal Editor as soon as possible. Unconfirmed dates are based on information from the previous year's show date. The Repeater Journal assumes no responsibility or liability for incorrect dates, whether they be from lack of updated club information, or from typographical errors in typesetting and printing.)

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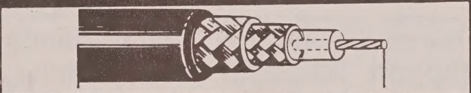

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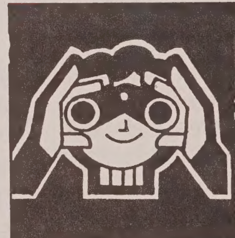

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